Test Logs

FCC ID:	2ASK5AIOID5GSC03
Test Model:	Nokia AIOSC Indoor 5G n48
Received Date:	Dec. 31, 2024
Test Date:	Aug. 18, 2025 ~ Jan. 16, 2026
Issued Date:	Jan. 20, 2026
Applicant:	Nokia
Address:	3201 Olympus Blvd Dallas, TX 75019
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan

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1 CBSD Registration Process

1.1 WINNF.FT.C.REG.1

2026-01-05T06:09:54.206Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T06:09:54.206Z - INFO - the selected test from the user : WINNF.FT.C.REG.1 is starting now
2026-01-05T06:17:09.288Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-05T06:17:09.305Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
```


2026-01-05T06:17:10.387Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T06:17:10.388Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-05T06:21:31.213Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T06:21:31.604Z - INFO - The final result of the test : WINNF.FT.C.REG.1 is - passed

1.2 WINNF.FT.C.REG.8

2026-01-05T06:29:45.295Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T06:29:45.296Z - INFO - the selected test from the user : WINNF.FT.C.REG.8 is starting now
2026-01-05T06:36:18.308Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-05T06:36:18.339Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "response": {
                "responseCode": 102
            }
        }
    ]
}
```


2026-01-05T06:36:19.454Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T06:36:19.456Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-05T06:37:55.726Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T06:37:56.052Z - INFO - The final result of the test : WINNF.FT.C.REG.8 is - passed

1.3 WINNF.FT.C.REG.10

2026-01-05T07:12:38.062Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T07:12:38.063Z - INFO - the selected test from the user : WINNF.FT.C.REG.10 is starting now
2026-01-05T07:14:12.974Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-05T07:14:13.016Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "response": {
                "responseCode": 200
            }
        }
    ]
}
```


2026-01-05T07:14:14.104Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T07:14:14.105Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-05T07:17:30.220Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T07:17:30.553Z - INFO - The final result of the test : WINNF.FT.C.REG.10 is - passed

1.4 WINNF.FT.C.REG.12

2026-01-05T07:24:00.145Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T07:24:00.147Z - INFO - the selected test from the user : WINNF.FT.C.REG.12 is starting now
2026-01-05T07:24:34.775Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-05T07:24:34.809Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "response": {
                "responseCode": 103
            }
        }
    ]
}
```


2026-01-05T07:24:36.161Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T07:24:36.163Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-05T07:28:53.384Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T07:28:53.696Z - INFO - The final result of the test : WINNF.FT.C.REG.12 is - passed

1.5 WINNF.FT.C.REG.14

2026-01-05T07:35:19.703Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T07:35:19.704Z - INFO - the selected test from the user : WINNF.FT.C.REG.14 is starting now
2026-01-05T07:35:51.259Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-05T07:35:51.289Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "response": {
                "responseCode": 101
            }
        }
    ]
}
```


2026-01-05T07:35:52.719Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T07:35:52.719Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-05T07:40:04.086Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T07:40:04.408Z - INFO - The final result of the test : WINNF.FT.C.REG.14 is - passed

1.6 WINNF.FT.C.REG.16

2026-01-05T07:55:28.713Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T07:55:28.713Z - INFO - the selected test from the user : WINNF.FT.C.REG.16 is starting now
2026-01-05T07:57:08.684Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-05T07:57:08.703Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "response": {
                "responseCode": 100
            }
        }
    ]
}
```


2026-01-05T07:57:09.755Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T07:57:09.756Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-05T08:02:35.549Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T08:02:36.137Z - INFO - The final result of the test : WINNF.FT.C.REG.16 is - passed

1.7 WINNF.FT.C.REG.18

2026-01-05T08:06:49.190Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T08:06:49.190Z - INFO - the selected test from the user : WINNF.FT.C.REG.18 is starting now
2026-01-05T08:07:34.094Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-05T08:07:34.125Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "response": {
                "responseCode": 201
            }
        }
    ]
}
```


2026-01-05T08:07:35.207Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T08:07:35.207Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-05T08:11:59.153Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T08:11:59.667Z - INFO - The final result of the test : WINNF.FT.C.REG.18 is - passed

2 CBSD SPECTRUM GRANT PROCESS

2.1 WINNF.FT.C.GRA.1

2026-01-05T08:17:17.759Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T08:17:17.759Z - INFO - the selected test from the user : WINNF.FT.C.GRA.1 is starting now
2026-01-05T08:17:40.325Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-05T08:17:40.391Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
```


2026-01-05T08:17:40.733Z - INFO - spectrumInquiry request from CBRS : {


```
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
```

```
        }
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
```

```
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-05T08:17:40.747Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
```

```
                        "lowFrequency": 3660000000
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-05T08:17:40.983Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3630000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3640000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3650000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                },
                "operationParam": {
                    "maxEirp": 20.0,
                    "operationFrequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3630000000
                    }
                }
            }
        ]
}
2026-01-05T08:17:40.993Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 400
            }
        }
    ]
}
2026-01-05T08:17:42.769Z - INFO - arrived to nstep starting question answer session with the technician
```

2026-01-05T08:17:42.769Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-05T08:24:08.839Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T08:24:09.418Z - INFO - The final result of the test : WINNF.FT.C.GRA.1 is - passed

2.2 WINNF.FT.C.GRA.2


```
2026-01-05T08:41:46.691Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T08:41:46.691Z - INFO - the selected test from the user : WINNF.FT.C.GRA.2 is starting now
2026-01-05T08:49:59.036Z - INFO - registration request from CBRS    : {
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
2026-01-05T08:49:59.078Z - INFO - engine sent successfully, the response to CBRS    : {
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-05T08:49:59.421Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
```

```
],
"measReport": {
    "rcvdPowerMeasReports": [
        {
            "measBandwidth": 10000000,
            "measFrequency": 3550000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3560000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3570000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-05T08:49:59.431Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-05T08:49:59.755Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-05T08:49:59.763Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 401
            }
        }
    ]
}
2026-01-05T08:50:00.894Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T08:50:00.895Z - INFO - the question is : Were there RF transmissions from the CBSD1 during
```

the test? please choose one of the answers :
2026-01-05T09:20:35.062Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-05T09:20:35.490Z - INFO - The final result of the test : WINNF.FT.C.GRA.2 is - passed

3 CBSD Heart Beat Process

3.1 WINNF.FT.C.HBT.1

2026-01-05T09:23:04.686Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-05T09:23:04.687Z - INFO - the selected test from the user : WINNF.FT.C.HBT.1 is starting now
2026-01-05T09:30:08.233Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-05T09:30:08.322Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-05T09:30:08.681Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
                "highFrequency": 3670000000,
                "lowFrequency": 3660000000
            }
```

```
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
```

```
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-05T09:30:08.694Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-05T09:30:09.005Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-05T09:30:09.013Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-12T09:30:09Z",
            "grantId": "847277011",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-05T09:30:09.377Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "847277011",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-05T09:30:09.398Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "847277011",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-05T09:33:29Z"
        }
    ]
}
2026-01-05T09:30:39.677Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "847277011",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-05T09:30:39.680Z - INFO - Time interval between two heartbeat request messages is: 30.3, limit is:
65.0
2026-01-05T09:30:39.687Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "847277011",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-05T09:33:59Z"
        }
    ]
}
2026-01-05T09:31:09.973Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "847277011",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-05T09:31:09.973Z - INFO - Time interval between two heartbeat request messages is: 30.296, limit is: 65.0
2026-01-05T09:31:09.980Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "847277011",
"response": {
"responseCode": 0
},
"transmitExpireTime": "2026-01-05T09:34:29Z"
}
]
}

2026-01-05T09:31:40.301Z - INFO - heartbeat request from CBRS : {

"heartbeatRequest": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "847277011",
"grantRenew": false,
"operationState": "AUTHORIZED"
}
]
}

2026-01-05T09:31:40.302Z - INFO - Time interval between two heartbeat request messages is: 30.328, limit is: 65.0
2026-01-05T09:31:40.308Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "847277011",
"response": {
"responseCode": 0
},
"transmitExpireTime": "2026-01-05T09:35:00Z"
}
]
}

2026-01-05T09:32:10.578Z - INFO - heartbeat request from CBRS : {

"heartbeatRequest": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "847277011",
"grantRenew": false,
"operationState": "AUTHORIZED"
}
]
}

2026-01-05T09:32:10.579Z - INFO - Time interval between two heartbeat request messages is: 30.277, limit is: 65.0
2026-01-05T09:32:10.585Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "847277011",
"response": {
"responseCode": 0
},

```
                "transmitExpireTime": "2026-01-05T09:35:30Z"
            }
        ]
}
2026-01-05T09:32:40.858Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "847277011",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-05T09:32:40.859Z - INFO - Time interval between two heartbeat request messages is: 30.281, limit is: 65.0
2026-01-05T09:32:40.865Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "847277011",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-05T09:36:00Z"
            }
    ]
}
2026-01-05T09:32:41.914Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-05T09:32:41.914Z - INFO - the question is : Did CBSD1 transmit power prior to AUTHORIZED state (first successful HBT response)? please choose one of the answers :
2026-01-06T06:08:19.881Z - INFO - for the question : Did CBSD1 transmit power prior to AUTHORIZED state (first successful HBT response)? , the user choose n
2026-01-06T06:08:19.882Z - INFO - the question is : Did CBSD1 transmit only within the frequency range specified in its grantRequest message? please choose one of the answers :
2026-01-06T06:08:20.578Z - INFO - for the question : Did CBSD1 transmit only within the frequency range specified in its grantRequest message? , the user choose y
2026-01-06T06:08:20.888Z - INFO - The final result of the test : WINNF.FT.C.HBT.1 is - passed
```

3.2 WINNF.FT.C.HBT.3

2026-01-06T06:14:21.913Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-06T06:14:21.914Z - INFO - the selected test from the user : WINNF.FT.C.HBT.3 is starting now
2026-01-06T06:21:59.770Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-06T06:21:59.848Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-06T06:22:00.237Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
                "highFrequency": 3670000000,
                "lowFrequency": 3660000000
            }
```

```
],
"measReport": {
    "rcvdPowerMeasReports": [
        {
            "measBandwidth": 10000000,
            "measFrequency": 3550000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3560000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3570000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-06T06:22:00.250Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T06:22:00.496Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-06T06:22:00.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-13T06:22:00Z",
            "grantId": "193308728",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-06T06:22:00.802Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "193308728",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T06:22:00.811Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "193308728",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T06:25:20Z"
        }
    ]
}
2026-01-06T06:22:31.085Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "193308728",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-06T06:22:31.086Z - INFO - Time interval between two heartbeat request messages is: 30.283, limit is: 65.0
2026-01-06T06:22:31.092Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "193308728",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T06:25:51Z"
        }
    ]
}
2026-01-06T06:23:01.391Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "193308728",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T06:23:01.394Z - INFO - Time interval between two heartbeat request messages is: 30.307, limit is: 65.0
2026-01-06T06:23:01.400Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "193308728",
"response": {
"responseCode": 0
},
"transmitExpireTime": "2026-01-06T06:26:21Z"
}
]
}

2026-01-06T06:23:31.684Z - INFO - heartbeat request from CBRS : {

"heartbeatRequest": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "193308728",
"grantRenew": false,
"operationState": "AUTHORIZED"
}
]
}

2026-01-06T06:23:31.686Z - INFO - Time interval between two heartbeat request messages is: 30.292, limit is: 65.0
2026-01-06T06:23:31.691Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "193308728",
"response": {
"responseCode": 105
},
"transmitExpireTime": "2026-01-06T06:23:31Z"
}
]
}

2026-01-06T06:23:33.148Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-06T06:23:33.148Z - INFO - the question is : Did the CBSD stop RF transmission within 60 seconds of receiving Heartbeat response with responseCode = 105? please choose one of the answers :
2026-01-06T06:26:24.963Z - INFO - for the question : Did the CBSD stop RF transmission within 60 seconds of receiving Heartbeat response with responseCode = 105? , the user choose y
2026-01-06T06:26:25.578Z - INFO - The final result of the test : WINNF.FT.C.HBT.3 is - passed

3.3 WINNF.FT.C.HBT.4


```
2026-01-06T06:29:21.806Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-06T06:29:21.806Z - INFO - the selected test from the user : WINNF.FT.C.HBT.4 is starting now
2026-01-06T06:35:37.532Z - INFO - registration request from CBRS    : {
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
2026-01-06T06:35:37.586Z - INFO - engine sent successfully, the response to CBRS    : {
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T06:35:37.963Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
```

```
],
"measReport": {
    "rcvdPowerMeasReports": [
        {
            "measBandwidth": 10000000,
            "measFrequency": 3550000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3560000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3570000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-06T06:35:37.973Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T06:35:38.249Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-06T06:35:38.256Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-13T06:35:38Z",
            "grantId": "431504234",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-06T06:35:38.552Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T06:35:38.559Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T06:38:58Z"
        }
    ]
}
2026-01-06T06:36:08.829Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-06T06:36:08.831Z - INFO - Time interval between two heartbeat request messages is: 30.277, limit
is: 65.0
2026-01-06T06:36:08.836Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T06:39:28Z"
        }
    ]
}
2026-01-06T06:36:39.121Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T06:36:39.122Z - INFO - Time interval between two heartbeat request messages is: 30.292, limit is: 65.0
2026-01-06T06:36:39.130Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T06:39:59Z"
        }
    ]
}
```

2026-01-06T06:37:09.414Z - INFO - heartbeat request from CBRS : {

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T06:37:09.414Z - INFO - Time interval between two heartbeat request messages is: 30.292, limit is: 65.0
2026-01-06T06:37:09.420Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T06:40:29Z"
        }
    ]
}
```

2026-01-06T06:37:39.697Z - INFO - heartbeat request from CBRS : {

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T06:37:39.698Z - INFO - Time interval between two heartbeat request messages is: 30.284, limit is: 65.0
2026-01-06T06:37:39.703Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "431504234",
            "response": {
                "responseCode": 0
            },
```

```
                "transmitExpireTime": "2026-01-06T06:40:59Z"
            }
        ]
}
2026-01-06T06:38:09.973Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "431504234",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-06T06:38:09.976Z - INFO - Time interval between two heartbeat request messages is: 30.276, limit is: 65.0
2026-01-06T06:38:09.980Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "431504234",
                "response": {
                    "responseCode": 500
                },
                "transmitExpireTime": "2026-01-06T06:38:09Z"
            }
    ]
}
2026-01-06T06:38:11.022Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-06T06:38:11.023Z - INFO - the question is : Did the CBSD1 stop RF transmission within 60 seconds of receiving Heartbeat response with responseCode = 500? please choose one of the answers :
2026-01-06T06:43:58.676Z - INFO - for the question : Did the CBSD1 stop RF transmission within 60 seconds of receiving Heartbeat response with responseCode = 500? , the user choose y
2026-01-06T06:43:59.223Z - INFO - The final result of the test : WINNF.FT.C.HBT.4 is - passed
```

3.4 WINNF.FT.C.HBT.5


```
2026-01-06T06:45:42.178Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-06T06:45:42.180Z - INFO - the selected test from the user : WINNF.FT.C.HBT.5 is starting now
2026-01-06T06:52:18.415Z - INFO - registration request from CBRS    : {
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
2026-01-06T06:52:18.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T06:52:18.835Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
```

```
],
"measReport": {
    "rcvdPowerMeasReports": [
        {
            "measBandwidth": 10000000,
            "measFrequency": 3550000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3560000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3570000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
```

```
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-06T06:52:18.845Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T06:52:19.108Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-06T06:52:19.117Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-13T06:52:19Z",
            "grantId": "240426925",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-06T06:52:19.418Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "240426925",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T06:52:19.424Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "240426925",
            "response": {
                "responseCode": 501
            },
            "transmitExpireTime": "2026-01-06T06:52:19Z"
        }
    ]
}
2026-01-06T06:52:19.710Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
            ],
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
```

```
{
    "measBandwidth": 10000000,
    "measFrequency": 3570000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3580000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3590000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3600000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3610000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3620000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3630000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3640000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3650000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3660000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3670000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3680000000,
```

```
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-06T06:52:19.720Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T06:52:49.693Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
```

```
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "240426925",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
```

2026-01-06T06:52:49.694Z - INFO - Time interval between two heartbeat request messages is: 30.274, limit is: 65.0
2026-01-06T06:52:49.700Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "240426925",
            "response": {
                "responseCode": 501
            },
            "transmitExpireTime": "2026-01-06T06:52:49Z"
        }
    ]
}
```

2026-01-06T06:52:51.351Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-06T06:52:51.351Z - INFO - the question is : Did the CBSD transmit at any time during the test? please choose one of the answers :
2026-01-06T06:57:12.892Z - INFO - for the question : Did the CBSD transmit at any time during the test? , the user choose n
2026-01-06T06:57:13.204Z - INFO - The final result of the test : WINNF.FT.C.HBT.5 is - passed

3.5 WINNF.FT.C.HBT.6

2026-01-06T06:59:38.391Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-06T06:59:38.391Z - INFO - the selected test from the user : WINNF.FT.C.HBT.6 is starting now
2026-01-06T07:05:17.855Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-06T07:05:17.915Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-06T07:05:18.280Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
                "highFrequency": 3670000000,
                "lowFrequency": 3660000000
            }
```

```
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-06T07:05:18.289Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                        },
                        "ruleApplied": "FCC_PART_96"
                    }
                ],
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "response": {
                    "responseCode": 0
                }
            }
        ]
}
2026-01-06T07:05:18.588Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-06T07:05:18.596Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-13T07:05:18Z",
            "grantId": "573797326",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-06T07:05:18.895Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T07:05:18.901Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T07:08:38Z"
        }
    ]
}
2026-01-06T07:05:49.171Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-06T07:05:49.174Z - INFO - Time interval between two heartbeat request messages is: 30.276, limit
is: 65.0
2026-01-06T07:05:49.178Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T07:09:09Z"
        }
    ]
}
2026-01-06T07:06:19.486Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:06:19.486Z - INFO - Time interval between two heartbeat request messages is: 30.314, limit is: 65.0
2026-01-06T07:06:19.494Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T07:09:39Z"
        }
    ]
}
```

2026-01-06T07:06:49.790Z - INFO - heartbeat request from CBRS : {

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:06:49.792Z - INFO - Time interval between two heartbeat request messages is: 30.305, limit is: 65.0
2026-01-06T07:06:49.798Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "response": {
                "responseCode": 501
            },
            "transmitExpireTime": "2026-01-06T07:06:49Z"
        }
    ]
}
```

2026-01-06T07:06:50.124Z - INFO - spectrumInquiry request from CBRS : {

```
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
```

```
        }
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
```

```
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-06T07:06:50.134Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
```

```
                        "lowFrequency": 3660000000
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T07:07:20.078Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T07:07:20.082Z - INFO - Time interval between two heartbeat request messages is: 30.288, limit is: 65.0
2026-01-06T07:07:20.088Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "573797326",
            "response": {
                "responseCode": 501
            },
            "transmitExpireTime": "2026-01-06T07:07:20Z"
        }
    ]
}
2026-01-06T07:07:21.575Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-06T07:07:21.578Z - INFO - the question is : Did the CBSD stop RF transmission within 60 seconds of receiving Heartbeat response with responseCode = 501? please choose one of the answers :
2026-01-06T07:11:24.732Z - INFO - for the question : Did the CBSD stop RF transmission within 60 seconds of receiving Heartbeat response with responseCode = 501? , the user choose y
2026-01-06T07:11:25.094Z - INFO - The final result of the test : WINNF.FT.C.HBT.6 is - passed
```

3.6 WINNF.FT.C.HBT.7


```
2026-01-06T07:13:05.052Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-06T07:13:05.053Z - INFO - the selected test from the user : WINNF.FT.C.HBT.7 is starting now
2026-01-06T07:19:19.742Z - INFO - registration request from CBRS    : {
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
2026-01-06T07:19:19.802Z - INFO - engine sent successfully, the response to CBRS    : {
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T07:19:20.079Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
```

```
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-06T07:19:20.089Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T07:19:20.335Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-06T07:19:20.344Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-13T07:19:20Z",
            "grantId": "459072990",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-06T07:19:20.637Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T07:19:20.644Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T07:22:40Z"
        }
    ]
}
2026-01-06T07:19:50.926Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-06T07:19:50.927Z - INFO - Time interval between two heartbeat request messages is: 30.288, limit
is: 65.0
2026-01-06T07:19:50.933Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T07:23:10Z"
        }
    ]
}
2026-01-06T07:20:21.209Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:20:21.210Z - INFO - Time interval between two heartbeat request messages is: 30.283, limit is: 65.0
2026-01-06T07:20:21.216Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T07:23:41Z"
        }
    ]
}
```

2026-01-06T07:20:51.502Z - INFO - heartbeat request from CBRS : {

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:20:51.503Z - INFO - Time interval between two heartbeat request messages is: 30.293, limit is: 65.0
2026-01-06T07:20:51.507Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "response": {
                "responseCode": 502
            },
            "transmitExpireTime": "2026-01-06T07:20:51Z"
        }
    ]
}
```

2026-01-06T07:20:51.809Z - INFO - relinquishment request from CBRS : {

```
    "relinquishmentRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990"
        }
    ]
}
```

2026-01-06T07:20:51.831Z - INFO - engine sent successfully, the response to CBRS : {

```
    "relinquishmentResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "459072990",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
```

2026-01-06T07:20:53.242Z - INFO - arrived to nstep starting question answer session with the technician

2026-01-06T07:20:53.243Z - INFO - the question is : Did the CBSD stop RF transmission within 60 seconds of receiving Heartbeat response with responseCode = 502? please choose one of the answers :
2026-01-06T07:26:30.493Z - INFO - for the question : Did the CBSD stop RF transmission within 60 seconds of receiving Heartbeat response with responseCode = 502? , the user choose y
2026-01-06T07:26:31.111Z - INFO - The final result of the test : WINNF.FT.C.HBT.7 is - passed

3.7 WINNF.FT.C.HBT.9

2026-01-06T07:27:58.670Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-06T07:27:58.670Z - INFO - the selected test from the user : WINNF.FT.C.HBT.9 is starting now
2026-01-06T07:34:34.934Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-06T07:34:34.977Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-06T07:34:35.266Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
                "highFrequency": 3670000000,
                "lowFrequency": 3660000000
            }
```

```
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-06T07:34:35.276Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T07:34:35.540Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-06T07:34:35.549Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-13T07:34:35Z",
            "grantId": "747088582",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-06T07:34:35.842Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "747088582",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T07:35:06.085Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "747088582",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T07:35:06.085Z - INFO - request message received while HBT is absent, sleep 174 sec before
responding
2026-01-06T07:35:36.305Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "747088582",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T07:35:36.305Z - INFO - request message received while HBT is absent, sleep 144 sec before
responding
2026-01-06T07:36:42.664Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "747088582",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T07:36:42.664Z - INFO - request message received while HBT is absent, sleep 78 sec before
responding
2026-01-06T07:37:12.892Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "747088582",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
```

2026-01-06T07:37:12.894Z - INFO - request message received while HBT is absent, sleep 47 sec before responding
2026-01-06T07:37:55.851Z - INFO - engine sent successfully, the response to CBRS : {


```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "747088582",
            "response": {
                "responseCode": 501
            },
            "transmitExpireTime": "2026-01-06T07:37:55Z"
        }
    ]
}
```


2026-01-06T07:37:56.905Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-06T07:37:56.907Z - INFO - the question is : Were there RF transmissions from the CBSD during the test? please choose one of the answers :
2026-01-06T07:37:59.894Z - INFO - engine sent successfully, the response to CBRS : "list index out of range"
2026-01-06T07:38:00.088Z - INFO - engine sent successfully, the response to CBRS : "list index out of range"
2026-01-06T07:38:00.308Z - INFO - engine sent successfully, the response to CBRS : "list index out of range"
2026-01-06T07:38:00.665Z - INFO - engine sent successfully, the response to CBRS : "list index out of range"
2026-01-06T07:44:12.135Z - INFO - for the question : Were there RF transmissions from the CBSD during the test? , the user choose n
2026-01-06T07:44:12.568Z - INFO - The final result of the test : WINNF.FT.C.HBT.9 is - passed

3.8 WINNF.FT.C.HBT.10

2026-01-06T07:46:29.555Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-06T07:46:29.556Z - INFO - the selected test from the user : WINNF.FT.C.HBT.10 is starting now
2026-01-06T07:53:29.022Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-06T07:53:29.063Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-06T07:53:29.339Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
                "highFrequency": 3670000000,
                "lowFrequency": 3660000000
            }
```

```
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-06T07:53:29.349Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T07:53:29.621Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-06T07:53:29.628Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-13T07:53:29Z",
            "grantId": "704916616",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-06T07:53:29.926Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T07:53:29.933Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T07:56:49Z"
        }
    ]
}
2026-01-06T07:54:00.220Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-06T07:54:00.221Z - INFO - Time interval between two heartbeat request messages is: 30.294, limit
is: 65.0
2026-01-06T07:54:00.227Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T07:57:20Z"
        }
    ]
}
2026-01-06T07:54:30.766Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:54:30.766Z - INFO - Time interval between two heartbeat request messages is: 30.545, limit is: 65.0
2026-01-06T07:54:30.769Z - INFO - LAST HBT RESPONSE THAT SET TRANSMIT_EXPIRE_TIME WAS AT: 2026-01-06 07:54:00.221000
2026-01-06T07:55:01.006Z - INFO - heartbeat request from CBRS : {

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:55:01.006Z - INFO - request message received while HBT is absent, sleep 174 sec before responding
2026-01-06T07:55:31.226Z - INFO - heartbeat request from CBRS : {

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:55:31.226Z - INFO - request message received while HBT is absent, sleep 144 sec before responding
2026-01-06T07:56:37.585Z - INFO - heartbeat request from CBRS : {

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:56:37.585Z - INFO - request message received while HBT is absent, sleep 78 sec before responding
2026-01-06T07:57:07.809Z - INFO - heartbeat request from CBRS : {

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T07:57:07.809Z - INFO - request message received while HBT is absent, sleep 47 sec before responding
2026-01-06T07:57:50.776Z - INFO - engine sent successfully, the response to CBRS : {

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "704916616",
            "response": {
```

```
                    "responseCode": 501
                },
                "transmitExpireTime": "2026-01-06T07:57:50Z"
            }
        ]
}
```

2026-01-06T07:57:51.832Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-06T07:57:51.834Z - INFO - the question is : Did the CBSD stop RF transmissions within (transmitExpireTime + 60seconds) of last valid heartbeat response? please choose one of the answers :
2026-01-06T07:57:54.811Z - INFO - engine sent successfully, the response to CBRS : "list index out of range"
2026-01-06T07:57:55.006Z - INFO - engine sent successfully, the response to CBRS : "list index out of range"
2026-01-06T07:57:55.229Z - INFO - engine sent successfully, the response to CBRS : "list index out of range"
2026-01-06T07:57:55.586Z - INFO - engine sent successfully, the response to CBRS : "list index out of range"
2026-01-06T08:04:23.384Z - INFO - for the question : Did the CBSD stop RF transmissions within (transmitExpireTime + 60seconds) of last valid heartbeat response? , the user choose y
2026-01-06T08:04:23.927Z - INFO - The final result of the test : WINNF.FT.C.HBT.10 is – passed

4 CBSD Measurement Report

4.1 WINNF.FT.C.MES.1

2025-12-23T05:33:52.588Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2025-12-23T05:33:52.588Z - INFO - the selected test from the user : WINNF.FT.C.MES.1 is starting now
2025-12-23T05:40:37.595Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230172208.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2025-12-23T05:40:37.658Z - INFO - Response message contains measReportConfig
2025-12-23T05:40:37.660Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230172208.NR",
        "measReportConfig": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2025-12-23T05:40:37.930Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230172208.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
```

```
            {
                "highFrequency": 3670000000,
                "lowFrequency": 3660000000
            }
        ],
        "measReport": {
            "rcvdPowerMeasReports": [
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3550000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3560000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3570000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3580000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3590000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3600000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3610000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3620000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3630000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3640000000,
                    "measRcvdPower": -99
                },
                {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2025-12-23T05:40:37.941Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
```

```
                        "channelType": "GAA",
                        "frequencyRange": {
                            "highFrequency": 3670000000,
                            "lowFrequency": 3660000000
                        },
                        "ruleApplied": "FCC_PART_96"
                    }
                ],
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230172208.NR",
                "response": {
                    "responseCode": 0
                }
            }
        ]
}
2025-12-23T05:40:38.174Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230172208.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
```

```
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2025-12-23T05:40:38.186Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230172208.NR",
            "channelType": "GAA",
            "grantExpireTime": "2025-12-30T05:40:38Z",
            "grantId": "978662234",
            "heartbeatInterval": 60,
```

```
                "response": {
                    "responseCode": 0
                }
            }
        ]
}
```

2025-12-23T05:40:39.762Z - INFO - arrived to nstep starting question answer session with the technician
2025-12-23T05:50:26.111Z - INFO - The final result of the test : WINNF.FT.C.MES.1 is - passed

5 CBSD Relinquishment Process

5.1 WINNF.FT.C.RLQ.1


```
2026-01-06T10:02:37.217Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-06T10:02:37.217Z - INFO - the selected test from the user : WINNF.FT.C.RLQ.1 is starting now
2026-01-06T10:10:00.631Z - INFO - registration request from CBRS    : {
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
2026-01-06T10:10:00.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T10:10:00.931Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
```

```
],
"measReport": {
    "rcvdPowerMeasReports": [
        {
            "measBandwidth": 10000000,
            "measFrequency": 3550000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3560000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3570000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-06T10:10:00.941Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-06T10:10:01.226Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-06T10:10:01.236Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-13T10:10:01Z",
            "grantId": "361726220",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-06T10:10:01.545Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "361726220",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-06T10:10:01.551Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "361726220",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T10:13:21Z"
        }
    ]
}
2026-01-06T10:10:31.835Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "361726220",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-06T10:10:31.836Z - INFO - Time interval between two heartbeat request messages is: 30.291, limit
is: 65.0
2026-01-06T10:10:31.842Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "361726220",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-06T10:13:51Z"
        }
    ]
}
2026-01-06T10:11:02.127Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "361726220",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-06T10:11:02.128Z - INFO - Time interval between two heartbeat request messages is: 30.291, limit is: 65.0
2026-01-06T10:11:02.132Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "361726220",
"response": {
"responseCode": 0
},
"transmitExpireTime": "2026-01-06T10:14:22Z"
}
]
}

2026-01-06T10:11:32.441Z - INFO - relinquishment request from CBRS : {

"relinquishmentRequest": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "361726220"
}
]
}

2026-01-06T10:11:32.447Z - INFO - engine sent successfully, the response to CBRS : {

"relinquishmentResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "361726220",
"response": {
"responseCode": 0
}
}
]
}

2026-01-06T10:11:34.434Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-06T10:11:34.436Z - INFO - the question is : Did CBSD1 cease RF transmission before receipt of Relinquishment Request by Test Harness? please choose one of the answers :
2026-01-07T05:28:23.795Z - INFO - for the question : Did CBSD1 cease RF transmission before receipt of Relinquishment Request by Test Harness? , the user choose y
2026-01-07T05:28:24.091Z - INFO - The final result of the test : WINNF.FT.C.RLQ.1 is - passed

6 CBSD Deregistration Process

6.1 WINNF.FT.C.DRG.1


```
2026-01-07T05:52:36.726Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-07T05:52:36.727Z - INFO - the selected test from the user : WINNF.FT.C.DRG.1 is starting now
2026-01-07T05:55:03.052Z - INFO - registration request from CBRS    : {
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
2026-01-07T05:55:03.138Z - INFO - engine sent successfully, the response to CBRS    : {
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-07T05:55:03.470Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
```

```
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
```

```
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-07T05:55:03.503Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
```

```
                    },
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-07T05:55:03.740Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3600000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3610000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3620000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3630000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3640000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            },
            "operationParam": {
                "maxEirp": 20.0,
                "operationFrequencyRange": {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3630000000
                }
            }
        }
    ]
}
2026-01-07T05:55:03.753Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-14T05:55:03Z",
            "grantId": "116140863",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
```

```
    ]
}
2026-01-07T05:55:04.049Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-07T05:55:04.059Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-07T05:58:24Z"
        }
    ]
}
2026-01-07T05:55:34.335Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-07T05:55:34.335Z - INFO - Time interval between two heartbeat request messages is: 30.285, limit
is: 65.0
2026-01-07T05:55:34.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-07T05:58:54Z"
        }
    ]
}
2026-01-07T05:56:04.621Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

2026-01-07T05:56:04.621Z - INFO - Time interval between two heartbeat request messages is: 30.286, limit is: 65.0
2026-01-07T05:56:04.628Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "116140863",
"response": {
"responseCode": 0
},
"transmitExpireTime": "2026-01-07T05:59:24Z"
}
]
}

2026-01-07T05:56:34.915Z - INFO - heartbeat request from CBRS : {

"heartbeatRequest": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "116140863",
"grantRenew": false,
"operationState": "AUTHORIZED"
}
]
}

2026-01-07T05:56:34.917Z - INFO - Time interval between two heartbeat request messages is: 30.295, limit is: 65.0
2026-01-07T05:56:34.921Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "116140863",
"response": {
"responseCode": 0
},
"transmitExpireTime": "2026-01-07T05:59:54Z"
}
]
}

2026-01-07T05:57:05.188Z - INFO - heartbeat request from CBRS : {

"heartbeatRequest": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "116140863",
"grantRenew": false,
"operationState": "AUTHORIZED"
}
]
}

2026-01-07T05:57:05.190Z - INFO - Time interval between two heartbeat request messages is: 30.273, limit is: 65.0
2026-01-07T05:57:05.194Z - INFO - engine sent successfully, the response to CBRS : {

"heartbeatResponse": [
{
"cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
"grantId": "116140863",
"response": {
"responseCode": 0
},

```
                "transmitExpireTime": "2026-01-07T06:00:25Z"
            }
        ]
}
2026-01-07T05:57:35.469Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-07T05:57:35.470Z - INFO - Time interval between two heartbeat request messages is: 30.28, limit is:
65.0
2026-01-07T05:57:35.474Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-07T06:00:55Z"
        }
    ]
}
2026-01-07T05:58:05.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-07T05:58:05.752Z - INFO - Time interval between two heartbeat request messages is: 30.282, limit
is: 65.0
2026-01-07T05:58:05.756Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-07T06:01:25Z"
        }
    ]
}
2026-01-07T05:58:36.030Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
```

```
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-07T05:58:36.032Z - INFO - Time interval between two heartbeat request messages is: 30.28, limit is: 65.0
2026-01-07T05:58:36.038Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-07T06:01:56Z"
        }
    ]
}
2026-01-07T05:59:06.306Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-07T05:59:06.308Z - INFO - Time interval between two heartbeat request messages is: 30.276, limit is: 65.0
2026-01-07T05:59:06.312Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-07T06:02:26Z"
        }
    ]
}
2026-01-07T05:59:36.588Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-07T05:59:36.591Z - INFO - Time interval between two heartbeat request messages is: 30.282, limit is: 65.0
2026-01-07T05:59:36.595Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
```

```
                "grantId": "116140863",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-07T06:02:56Z"
            }
        ]
}
2026-01-07T06:00:06.907Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-07T06:00:06.908Z - INFO - Time interval between two heartbeat request messages is: 30.319, limit
is: 65.0
2026-01-07T06:00:06.914Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-07T06:03:26Z"
        }
    ]
}
2026-01-07T06:00:37.220Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-07T06:00:37.220Z - INFO - Time interval between two heartbeat request messages is: 30.312, limit
is: 65.0
2026-01-07T06:00:37.226Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "116140863",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-07T06:03:57Z"
        }
    ]
}
2026-01-07T06:01:07.496Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
```

```
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "116140863",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-07T06:01:07.497Z - INFO - Time interval between two heartbeat request messages is: 30.277, limit is: 65.0
2026-01-07T06:01:07.503Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "116140863",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-07T06:04:27Z"
            }
        ]
}
2026-01-07T06:01:37.776Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "116140863",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-07T06:01:37.778Z - INFO - Time interval between two heartbeat request messages is: 30.28, limit is: 65.0
2026-01-07T06:01:37.783Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "116140863",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-07T06:04:57Z"
            }
        ]
}
2026-01-07T06:02:17.029Z - INFO - relinquishment request from CBRS    : {
    "relinquishmentRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "116140863"
            }
        ]
}
2026-01-07T06:02:17.049Z - INFO - engine sent successfully, the response to CBRS    : {
    "relinquishmentResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
```

```
                "grantId": "116140863",
                "response": {
                    "responseCode": 0
                }
            }
        ]
}
2026-01-07T06:02:17.322Z - INFO - deregistration request from CBRS    : {
    "deregistrationRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR"
        }
    ]
}
2026-01-07T06:02:17.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "deregistrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
```

2026-01-07T06:02:18.964Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-07T06:02:18.966Z - INFO - the question is : Did CBSD1 cease RF transmission before receipt of Relinquishment request (if sent) or Deregistration request at Test Harness? please choose one of the answers :
2026-01-07T06:08:31.789Z - INFO - for the question : Did CBSD1 cease RF transmission before receipt of Relinquishment request (if sent) or Deregistration request at Test Harness? , the user choose y
2026-01-07T06:08:32.131Z - INFO - The final result of the test : WINNF.FT.C.DRG.1 is - passed

7 CBSD Security Validation

7.1 WINNF.FT.C.SCS.1

2026-01-07T06:15:11.760Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-07T06:15:11.760Z - INFO - the selected test from the user : WINNF.FT.C.SCS.1 is starting now
2026-01-07T06:21:56.062Z - INFO - registration request from CBRS : {


```
    "registrationRequest": [
        {
            "airInterface": {
                "radioTechnology": "NR"
            },
            "cbsdCategory": "A",
            "cbsdInfo": {
                "model": "INDOOR",
                "softwareVersion": "IndoorV1",
                "vendor": "Kolibri-Indoor"
            },
            "cbsdSerialNumber": "LBNKIASRC230170825.NR",
            "fccId": "2ASK5AIOID5GSC03",
            "measCapability": [
                "RECEIVED_POWER_WITHOUT_GRANT"
            ],
            "userId": "nokia"
        }
    ]
}
```


2026-01-07T06:21:56.082Z - INFO - engine sent successfully, the response to CBRS : {


```
    "registrationResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
```


2026-01-07T06:21:57.924Z - INFO - arrived to nstep starting question answer session with the technician
2026-01-07T06:21:57.924Z - INFO - the question is : Were there RF transmissions from the CBSD1 during the test? please choose one of the answers :
2026-01-07T06:52:40.861Z - INFO - for the question : Were there RF transmissions from the CBSD1 during the test? , the user choose n
2026-01-07T06:52:41.299Z - INFO - The final result of the test : WINNF.FT.C.SCS.1 is - passed

7.2 WINNF.FT.C.SCS.2

2025-09-12T03:06:35.654Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2025-09-12T03:06:35.655Z - INFO - the selected test from the user : WINNF.FT.C.SCS.2 is starting now

7.3 WINNF.FT.C.SCS.3

2025-09-12T03:49:01.178Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2025-09-12T03:49:01.178Z - INFO - the selected test from the user : WINNF.FT.C.SCS.3 is starting now

7.4 WINNF.FT.C.SCS.4

2025-09-12T05:19:29.907Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2025-09-12T05:19:29.907Z - INFO - the selected test from the user : WINNF.FT.C.SCS.4 is starting now

7.5 WINNF.FT.C.SCS.5

2025-09-12T05:35:26.969Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2025-09-12T05:35:26.969Z - INFO - the selected test from the user : WINNF.FT.C.SCS.5 is starting now

8 CBSD RF Power Measurement

8.1 For Internal

8.1.1 WINNF.PT.C.HBT.1(MAX EIRP = 10 DBM/MHZ)

2026-01-16T06:17:47.775Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-16T06:17:47.776Z - INFO - Selected spectrum frequency is {'lowFrequency': 3630000000L, 'highFrequency': 3670000000L}
2026-01-16T06:17:47.776Z - INFO - Granted Spectrum Max Eirp = 10dBm/MHz
2026-01-16T06:17:47.776Z - INFO - the selected test from the user : PowerMeasTest is starting now
2026-01-16T06:25:21.884Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-16T06:25:21.911Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-16T06:25:22.272Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
```

```
                "lowFrequency": 3650000000
            },
            {
                "highFrequency": 3670000000,
                "lowFrequency": 3660000000
            }
        ],
        "measReport": {
            "rcvdPowerMeasReports": [
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3550000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3560000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3570000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3580000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3590000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3600000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3610000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3620000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3630000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3640000000,
                    "measRcvdPower": -99
```

```
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-16T06:25:22.279Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T06:25:22.279Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T06:25:22.280Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T06:25:22.280Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T06:25:22.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 10,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
```

```
                    "maxEirp": 10,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 10,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 10,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T06:25:22.535Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
```

```
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3660000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3670000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3680000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3690000000,
                "measRcvdPower": -99
            }
        ]
    },
    "operationParam": {
        "maxEirp": 10.0,
        "operationFrequencyRange": {
            "highFrequency": 3670000000,
```

```
                        "lowFrequency": 3630000000
                    }
                }
            }
        ]
}
2026-01-16T06:25:22.540Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-23T06:25:22Z",
            "grantId": "753304783",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T06:25:22.854Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-16T06:25:22.858Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:28:42Z"
        }
    ]
}
2026-01-16T06:25:53.128Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:25:53.134Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
```

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                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:29:13Z"
            }
        ]
}
2026-01-16T06:26:23.401Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:26:23.407Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:29:43Z"
        }
    ]
}
2026-01-16T06:26:53.691Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:26:53.700Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:30:13Z"
        }
    ]
}
2026-01-16T06:27:23.974Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
```

```
    ]
}
2026-01-16T06:27:23.980Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:30:43Z"
        }
    ]
}
2026-01-16T06:27:54.272Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:27:54.278Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:31:14Z"
        }
    ]
}
2026-01-16T06:28:24.575Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:28:24.582Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:31:44Z"
        }
    ]
}
```

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2026-01-16T06:28:54.913Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:28:54.918Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:32:14Z"
        }
    ]
}
2026-01-16T06:29:25.207Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:29:25.213Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:32:45Z"
        }
    ]
}
2026-01-16T06:29:55.500Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:29:55.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
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                "grantId": "753304783",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:33:15Z"
            }
        ]
}
2026-01-16T06:30:25.793Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:30:25.799Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:33:45Z"
        }
    ]
}
2026-01-16T06:30:56.095Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:30:56.101Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:34:16Z"
        }
    ]
}
2026-01-16T06:31:26.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
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                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T06:31:26.390Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:34:46Z"
        }
    ]
}
2026-01-16T06:31:56.687Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:31:56.693Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:35:16Z"
        }
    ]
}
2026-01-16T06:32:26.983Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:32:26.990Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:35:46Z"
        }
```

```
    ]
}
2026-01-16T06:32:57.286Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:32:57.292Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:36:17Z"
        }
    ]
}
2026-01-16T06:33:27.592Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:33:27.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:36:47Z"
        }
    ]
}
2026-01-16T06:33:57.898Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:33:57.903Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
```

```
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "753304783",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:37:17Z"
            }
        ]
}
2026-01-16T06:34:28.198Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "753304783",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T06:34:28.203Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "753304783",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:37:48Z"
            }
        ]
}
2026-01-16T06:34:58.490Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "753304783",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T06:34:58.496Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "753304783",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:38:18Z"
            }
        ]
}
2026-01-16T06:35:28.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
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```
                "grantId": "753304783",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T06:35:28.792Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:38:48Z"
        }
    ]
}
2026-01-16T06:35:59.082Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:35:59.089Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:39:19Z"
        }
    ]
}
2026-01-16T06:36:29.380Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:36:29.387Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
```

```
                "transmitExpireTime": "2026-01-16T06:39:49Z"
            }
        ]
}
2026-01-16T06:36:59.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:36:59.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:40:19Z"
        }
    ]
}
2026-01-16T06:37:29.977Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:37:29.983Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:40:49Z"
        }
    ]
}
2026-01-16T06:38:00.276Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

```
2026-01-16T06:38:00.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:41:20Z"
        }
    ]
}
2026-01-16T06:38:30.581Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:38:30.586Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:41:50Z"
        }
    ]
}
2026-01-16T06:39:00.890Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:39:00.895Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:42:20Z"
        }
    ]
}
2026-01-16T06:39:31.198Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
```

```
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:39:31.204Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:42:51Z"
        }
    ]
}
2026-01-16T06:40:01.496Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:40:01.502Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:43:21Z"
        }
    ]
}
2026-01-16T06:40:31.802Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:40:31.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
```

```
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:43:51Z"
            }
        ]
}
2026-01-16T06:41:02.121Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:41:02.128Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:44:22Z"
        }
    ]
}
2026-01-16T06:41:32.405Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:41:32.413Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:44:52Z"
        }
    ]
}
```

8.1.2 WINNF.PT.C.HBT.1(MAX EIRP = 15 DBM/MHZ)

2026-01-16T05:31:02.513Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-16T05:31:02.515Z - INFO - Selected spectrum frequency is {'lowFrequency': 3630000000L, 'highFrequency': 3670000000L}
2026-01-16T05:31:02.515Z - INFO - Granted Spectrum Max Eirp = 15dBm/MHz
2026-01-16T05:31:02.516Z - INFO - the selected test from the user : PowerMeasTest is starting now
2026-01-16T05:38:03.299Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-16T05:38:03.328Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-16T05:38:03.779Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
```

```
            "highFrequency": 3670000000,
            "lowFrequency": 3660000000
        }
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
```

```
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-16T05:38:03.789Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T05:38:03.789Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T05:38:03.789Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T05:38:03.789Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T05:38:03.790Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 15,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 15,
                    "ruleApplied": "FCC_PART_96"
                },
```

```
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 15,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 15,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T05:38:04.026Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3660000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3670000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3680000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3690000000,
                "measRcvdPower": -99
            }
        ]
    },
    "operationParam": {
        "maxEirp": 15.0,
        "operationFrequencyRange": {
            "highFrequency": 3670000000,
            "lowFrequency": 3630000000
        }
    }
```

```
            }
        ]
}
2026-01-16T05:38:04.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-23T05:38:04Z",
            "grantId": "152127292",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T05:38:04.357Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-16T05:38:04.364Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:41:24Z"
        }
    ]
}
2026-01-16T05:38:34.641Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:38:34.648Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:41:54Z"
```

```
        }
    ]
}
2026-01-16T05:39:04.926Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:39:04.934Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:42:24Z"
        }
    ]
}
2026-01-16T05:39:35.226Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:39:35.233Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:42:55Z"
        }
    ]
}
2026-01-16T05:40:05.523Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:40:05.532Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:43:25Z"
        }
    ]
}
2026-01-16T05:40:35.815Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:40:35.819Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:43:55Z"
        }
    ]
}
2026-01-16T05:41:06.096Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:41:06.102Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:44:26Z"
        }
    ]
}
2026-01-16T05:41:36.420Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:41:36.427Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:44:56Z"
        }
    ]
}
2026-01-16T05:42:06.710Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:42:06.716Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:45:26Z"
        }
    ]
}
2026-01-16T05:42:36.993Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:42:37.000Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T05:45:56Z"
        }
    ]
}
2026-01-16T05:43:07.276Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:43:07.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:46:27Z"
        }
    ]
}
2026-01-16T05:43:37.576Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:43:37.585Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:46:57Z"
        }
    ]
}
2026-01-16T05:44:07.880Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T05:44:07.884Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:47:27Z"
        }
    ]
}
2026-01-16T05:44:38.181Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:44:38.187Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:47:58Z"
        }
    ]
}
2026-01-16T05:45:08.507Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:45:08.513Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:48:28Z"
        }
    ]
}
2026-01-16T05:45:38.825Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:45:38.831Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:48:58Z"
        }
    ]
}
2026-01-16T05:46:09.117Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:46:09.122Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:49:29Z"
        }
    ]
}
2026-01-16T05:46:39.414Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:46:39.421Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:49:59Z"
            }
        ]
}
2026-01-16T05:47:09.726Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:47:09.732Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:50:29Z"
        }
    ]
}
2026-01-16T05:47:40.033Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:47:40.039Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:51:00Z"
        }
    ]
}
2026-01-16T05:48:10.332Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T05:48:10.339Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:51:30Z"
        }
    ]
}
2026-01-16T05:48:40.641Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:48:40.647Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:52:00Z"
        }
    ]
}
2026-01-16T05:49:10.947Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:49:10.953Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:52:30Z"
        }
    ]
```

```
}
2026-01-16T05:49:41.239Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:49:41.244Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:53:01Z"
        }
    ]
}
2026-01-16T05:50:11.536Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:50:11.542Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:53:31Z"
        }
    ]
}
2026-01-16T05:50:41.832Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:50:41.838Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:54:01Z"
            }
        ]
}
2026-01-16T05:51:12.140Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:51:12.145Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:54:32Z"
            }
        ]
}
2026-01-16T05:51:42.430Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:51:42.436Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:55:02Z"
            }
        ]
}
2026-01-16T05:52:12.721Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:52:12.727Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:55:32Z"
        }
    ]
}
2026-01-16T05:52:43.019Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:52:43.025Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:56:03Z"
        }
    ]
}
2026-01-16T05:53:13.322Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:53:13.328Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:56:33Z"
```

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            }
        ]
}
2026-01-16T05:53:43.625Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:53:43.631Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:57:03Z"
            }
        ]
}
2026-01-16T05:54:13.950Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:54:13.956Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:57:33Z"
            }
        ]
}
2026-01-16T05:54:44.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:54:44.257Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:58:04Z"
        }
    ]
}
2026-01-16T05:55:14.552Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:55:14.559Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:58:34Z"
        }
    ]
}
2026-01-16T05:55:44.849Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:55:44.855Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:59:04Z"
        }
    ]
}
2026-01-16T05:56:15.161Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:56:15.167Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:59:35Z"
        }
    ]
}
2026-01-16T05:56:45.470Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:56:45.476Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:00:05Z"
        }
    ]
}
2026-01-16T05:57:15.747Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:57:15.753Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T06:00:35Z"
        }
    ]
}
2026-01-16T05:57:46.028Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:57:46.033Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:01:06Z"
        }
    ]
}
2026-01-16T05:58:16.348Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:58:16.355Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:01:36Z"
        }
    ]
}
2026-01-16T05:58:46.628Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T05:58:46.634Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:02:06Z"
        }
    ]
}
2026-01-16T05:59:16.911Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:59:16.917Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:02:36Z"
        }
    ]
}
2026-01-16T05:59:47.200Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:59:47.207Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:03:07Z"
        }
    ]
}
2026-01-16T06:00:17.530Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:00:17.536Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:03:37Z"
        }
    ]
}
2026-01-16T06:00:47.813Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:00:47.819Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:04:07Z"
        }
    ]
}
2026-01-16T06:01:18.104Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:01:18.108Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:04:38Z"
            }
        ]
}
2026-01-16T06:01:48.391Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:01:48.397Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:05:08Z"
        }
    ]
}
2026-01-16T06:02:18.676Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:02:18.684Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:05:38Z"
        }
    ]
}
```

8.1.3 WINNF.PT.C.HBT.1(MAX EIRP = 20 DBM/MHZ)

2026-01-15T14:04:15.424Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-15T14:04:15.424Z - INFO - Selected spectrum frequency is {'lowFrequency': 3630000000L, 'highFrequency': 3670000000L}
2026-01-15T14:04:15.424Z - INFO - Granted Spectrum Max Eirp = 20dBm/MHz
2026-01-15T14:04:15.426Z - INFO - the selected test from the user : PowerMeasTest is starting now
2026-01-15T14:10:58.036Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-15T14:10:58.061Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-15T14:10:58.342Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
```

```
            "highFrequency": 3670000000,
            "lowFrequency": 3660000000
        }
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
```

```
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-15T14:10:58.348Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T14:10:58.349Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T14:10:58.349Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T14:10:58.351Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T14:10:58.351Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
```

```
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-15T14:10:58.581Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3660000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3670000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3680000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3690000000,
                "measRcvdPower": -99
            }
        ]
    },
    "operationParam": {
        "maxEirp": 20.0,
        "operationFrequencyRange": {
            "highFrequency": 3670000000,
            "lowFrequency": 3630000000
        }
    }
```

```
            }
        ]
}
2026-01-15T14:10:58.589Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "channelType": "GAA",
                "grantExpireTime": "2026-01-22T14:10:58Z",
                "grantId": "643735732",
                "heartbeatInterval": 60,
                "response": {
                    "responseCode": 0
                }
            }
        ]
}
2026-01-15T14:10:58.894Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "GRANTED"
            }
        ]
}
2026-01-15T14:10:58.901Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:14:18Z"
            }
        ]
}
2026-01-15T14:11:29.177Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:11:29.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:14:49Z"
```

```
            }
        ]
}
2026-01-15T14:11:59.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:11:59.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:15:19Z"
        }
    ]
}
2026-01-15T14:12:29.753Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:12:29.759Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:15:49Z"
        }
    ]
}
2026-01-15T14:13:00.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:13:00.046Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:16:20Z"
        }
    ]
}
2026-01-15T14:13:30.352Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:13:30.358Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:16:50Z"
        }
    ]
}
2026-01-15T14:14:00.631Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:14:00.638Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:17:20Z"
        }
    ]
}
2026-01-15T14:14:30.913Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:14:30.918Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:17:50Z"
        }
    ]
}
2026-01-15T14:15:01.196Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:15:01.200Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:18:21Z"
        }
    ]
}
2026-01-15T14:15:31.469Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:15:31.473Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T14:18:51Z"
        }
    ]
}
2026-01-15T14:16:01.743Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:16:01.750Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:19:21Z"
        }
    ]
}
2026-01-15T14:16:32.023Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:16:32.029Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:19:52Z"
        }
    ]
}
2026-01-15T14:17:02.326Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T14:17:02.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:20:22Z"
        }
    ]
}
2026-01-15T14:17:32.615Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:17:32.624Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:20:52Z"
        }
    ]
}
2026-01-15T14:18:02.914Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:18:02.920Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:21:22Z"
        }
    ]
}
2026-01-15T14:18:33.196Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:18:33.200Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:21:53Z"
        }
    ]
}
2026-01-15T14:19:03.489Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:19:03.494Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:22:23Z"
        }
    ]
}
2026-01-15T14:19:33.772Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:19:33.778Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:22:53Z"
            }
        ]
}
2026-01-15T14:20:04.045Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:20:04.051Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:23:24Z"
        }
    ]
}
2026-01-15T14:20:34.326Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:20:34.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:23:54Z"
        }
    ]
}
2026-01-15T14:21:04.614Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T14:21:04.618Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:24:24Z"
            }
    ]
}
2026-01-15T14:21:34.890Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T14:21:34.894Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:24:54Z"
            }
    ]
}
2026-01-15T14:22:05.173Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T14:22:05.178Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:25:25Z"
            }
    ]
```

```
}
2026-01-15T14:22:35.456Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:22:35.461Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:25:55Z"
        }
    ]
}
2026-01-15T14:23:05.734Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:23:05.740Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:26:25Z"
        }
    ]
}
2026-01-15T14:23:36.013Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:23:36.019Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:26:56Z"
            }
        ]
}
2026-01-15T14:24:06.289Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:24:06.295Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:27:26Z"
            }
        ]
}
2026-01-15T14:24:36.566Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:24:36.572Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:27:56Z"
            }
        ]
}
2026-01-15T14:25:06.848Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:25:06.854Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:28:26Z"
        }
    ]
}
2026-01-15T14:25:37.125Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:25:37.130Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:28:57Z"
        }
    ]
}
2026-01-15T14:26:07.401Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:26:07.407Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:29:27Z"
```

```
        }
    ]
}
2026-01-15T14:26:37.684Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:26:37.690Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:29:57Z"
        }
    ]
}
2026-01-15T14:27:07.977Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:27:07.983Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:30:27Z"
        }
    ]
}
2026-01-15T14:27:38.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:27:38.259Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:30:58Z"
        }
    ]
}
2026-01-15T14:28:08.532Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:28:08.538Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:31:28Z"
        }
    ]
}
2026-01-15T14:28:38.812Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:28:38.818Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:31:58Z"
        }
    ]
}
2026-01-15T14:29:09.095Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:29:09.101Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:32:29Z"
        }
    ]
}
2026-01-15T14:29:39.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:29:39.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:32:59Z"
        }
    ]
}
2026-01-15T14:30:09.663Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:30:09.668Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T14:33:29Z"
        }
    ]
}
2026-01-15T14:30:39.940Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:30:39.947Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:33:59Z"
        }
    ]
}
2026-01-15T14:31:10.219Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:31:10.224Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:34:30Z"
        }
    ]
}
2026-01-15T14:31:40.513Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T14:31:40.522Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:35:00Z"
        }
    ]
}
2026-01-15T14:32:10.799Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:32:10.805Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:35:30Z"
        }
    ]
}
2026-01-15T14:32:41.075Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:32:41.082Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:36:01Z"
        }
    ]
}
2026-01-15T14:33:11.358Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:33:11.365Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:36:31Z"
        }
    ]
}
2026-01-15T14:33:41.644Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:33:41.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:37:01Z"
        }
    ]
}
2026-01-15T14:34:11.934Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:34:11.941Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:37:31Z"
            }
        ]
}
2026-01-15T14:34:42.214Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:34:42.220Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:38:02Z"
        }
    ]
}
2026-01-15T14:35:12.502Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:35:12.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:38:32Z"
        }
    ]
}
2026-01-15T14:35:42.782Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T14:35:42.789Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:39:02Z"
        }
    ]
}
2026-01-15T14:36:13.062Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:36:13.069Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:39:33Z"
        }
    ]
}
2026-01-15T14:36:43.352Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:36:43.358Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:40:03Z"
        }
    ]
```

```
}
2026-01-15T14:37:13.642Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:37:13.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:40:33Z"
        }
    ]
}
2026-01-15T14:37:43.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:37:43.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:41:03Z"
        }
    ]
}
2026-01-15T14:38:14.213Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:38:14.219Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:41:34Z"
            }
        ]
}
2026-01-15T14:38:44.494Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:38:44.500Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:42:04Z"
            }
        ]
}
2026-01-15T14:39:14.773Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:39:14.779Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:42:34Z"
            }
        ]
}
2026-01-15T14:39:45.055Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:39:45.062Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:43:05Z"
        }
    ]
}
2026-01-15T14:40:15.344Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:40:15.351Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:43:35Z"
        }
    ]
}
2026-01-15T14:40:45.637Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:40:45.642Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:44:05Z"
```

```
            }
        ]
}
2026-01-15T14:41:15.921Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:41:15.927Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:44:35Z"
        }
    ]
}
2026-01-15T14:41:46.206Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:41:46.211Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:45:06Z"
        }
    ]
}
2026-01-15T14:42:16.490Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:42:16.494Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:45:36Z"
        }
    ]
}
2026-01-15T14:42:46.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:42:46.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:46:06Z"
        }
    ]
}
2026-01-15T14:43:17.052Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:43:17.059Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:46:37Z"
        }
    ]
}
2026-01-15T14:43:47.338Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:43:47.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:47:07Z"
        }
    ]
}
2026-01-15T14:44:17.619Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:44:17.625Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:47:37Z"
        }
    ]
}
2026-01-15T14:44:47.894Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:44:47.901Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T14:48:07Z"
        }
    ]
}
2026-01-15T14:45:18.177Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:45:18.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:48:38Z"
        }
    ]
}
2026-01-15T14:45:48.456Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:45:48.460Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:49:08Z"
        }
    ]
}
2026-01-15T14:46:18.743Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T14:46:18.750Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:49:38Z"
        }
    ]
}
2026-01-15T14:46:49.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:46:49.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:50:09Z"
        }
    ]
}
2026-01-15T14:47:19.308Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:47:19.312Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:50:39Z"
        }
    ]
}
2026-01-15T14:47:49.594Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:47:49.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:51:09Z"
        }
    ]
}
2026-01-15T14:48:19.878Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:48:19.884Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:51:39Z"
        }
    ]
}
2026-01-15T14:48:50.161Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:48:50.167Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:52:10Z"
            }
        ]
}
2026-01-15T14:49:20.469Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:49:20.474Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:52:40Z"
        }
    ]
}
2026-01-15T14:49:50.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:49:50.757Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:53:10Z"
        }
    ]
}
2026-01-15T14:50:21.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T14:50:21.036Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:53:41Z"
        }
    ]
}
2026-01-15T14:50:51.315Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:50:51.321Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:54:11Z"
        }
    ]
}
2026-01-15T14:51:21.598Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:51:21.605Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:54:41Z"
        }
    ]
```

```
}
2026-01-15T14:51:51.881Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:51:51.888Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:55:11Z"
        }
    ]
}
2026-01-15T14:52:22.170Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:52:22.174Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:55:42Z"
        }
    ]
}
2026-01-15T14:52:52.464Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:52:52.470Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:56:12Z"
            }
        ]
}
2026-01-15T14:53:22.753Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:53:22.759Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:56:42Z"
            }
        ]
}
2026-01-15T14:53:53.046Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:53:53.052Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:57:13Z"
            }
        ]
}
2026-01-15T14:54:23.345Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:54:23.349Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:57:43Z"
        }
    ]
}
2026-01-15T14:54:53.624Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:54:53.628Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:58:13Z"
        }
    ]
}
2026-01-15T14:55:23.913Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:55:23.917Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:58:43Z"
```

```
        }
    ]
}
2026-01-15T14:55:54.190Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:55:54.194Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:59:14Z"
        }
    ]
}
2026-01-15T14:56:24.467Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:56:24.471Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:59:44Z"
        }
    ]
}
2026-01-15T14:56:54.757Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:56:54.763Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:00:14Z"
        }
    ]
}
2026-01-15T14:57:25.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:57:25.046Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:00:45Z"
        }
    ]
}
2026-01-15T14:57:55.328Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:57:55.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:01:15Z"
        }
    ]
}
2026-01-15T14:58:25.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:58:25.607Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:01:45Z"
        }
    ]
}
2026-01-15T14:58:55.885Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:58:55.891Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:02:15Z"
        }
    ]
}
2026-01-15T14:59:26.170Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:59:26.176Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-15T15:02:46Z"
            }
        ]
}
2026-01-15T14:59:56.447Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:59:56.454Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:03:16Z"
        }
    ]
}
2026-01-15T15:00:26.772Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:00:26.778Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:03:46Z"
        }
    ]
}
2026-01-15T15:00:57.051Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:00:57.056Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T15:04:17Z"
            }
      ]
}
2026-01-15T15:01:27.335Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T15:01:27.339Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T15:04:47Z"
            }
      ]
}
2026-01-15T15:01:57.615Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T15:01:57.621Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T15:05:17Z"
            }
      ]
}
2026-01-15T15:02:27.901Z - INFO - heartbeat request from CBRS    : {
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```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:02:27.907Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:05:47Z"
        }
    ]
}
2026-01-15T15:02:58.181Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:02:58.187Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:06:18Z"
        }
    ]
}
2026-01-15T15:03:28.454Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:03:28.460Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

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                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:06:48Z"
            }
        ]
}
2026-01-15T15:03:58.732Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:03:58.736Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:07:18Z"
        }
    ]
}
2026-01-15T15:04:29.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:04:29.022Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:07:49Z"
        }
    ]
}
2026-01-15T15:04:59.298Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T15:04:59.303Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:08:19Z"
        }
    ]
}
2026-01-15T15:05:29.572Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:05:29.579Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:08:49Z"
        }
    ]
}
2026-01-15T15:05:59.865Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:05:59.869Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:09:19Z"
        }
    ]
```

```
}
2026-01-15T15:06:30.148Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:06:30.153Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:09:50Z"
        }
    ]
}
2026-01-15T15:07:00.469Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:07:00.474Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:10:20Z"
        }
    ]
}
2026-01-15T15:07:30.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:07:30.753Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:10:50Z"
            }
        ]
}
2026-01-15T15:08:01.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:08:01.045Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:11:21Z"
            }
        ]
}
2026-01-15T15:08:31.328Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:08:31.335Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:11:51Z"
            }
        ]
}
2026-01-15T15:09:01.611Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:09:01.617Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:12:21Z"
        }
    ]
}
2026-01-15T15:09:31.890Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:09:31.895Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:12:51Z"
        }
    ]
}
2026-01-15T15:10:02.176Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:10:02.180Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:13:22Z"
```

```
            }
        ]
}
2026-01-15T15:10:32.461Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:10:32.467Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:13:52Z"
        }
    ]
}
2026-01-15T15:11:02.740Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:11:02.746Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:14:22Z"
        }
    ]
}
2026-01-15T15:11:33.030Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:11:33.036Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:14:53Z"
        }
    ]
}
2026-01-15T15:12:03.312Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:12:03.319Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:15:23Z"
        }
    ]
}
2026-01-15T15:12:33.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:12:33.605Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:15:53Z"
        }
    ]
}
2026-01-15T15:13:03.881Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:13:03.887Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:16:23Z"
        }
    ]
}
2026-01-15T15:13:34.160Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:13:34.165Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:16:54Z"
        }
    ]
}
2026-01-15T15:14:04.444Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:14:04.450Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T15:17:24Z"
        }
    ]
}
2026-01-15T15:14:34.720Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:14:34.726Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:17:54Z"
        }
    ]
}
2026-01-15T15:15:04.996Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:15:05.005Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:18:25Z"
        }
    ]
}
2026-01-15T15:15:35.280Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:15:35.286Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T15:18:55Z"
            }
      ]
}
2026-01-15T15:16:05.559Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T15:16:05.565Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T15:19:25Z"
            }
      ]
}
2026-01-15T15:16:35.838Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T15:16:35.845Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T15:19:55Z"
            }
      ]
}
2026-01-15T15:17:06.118Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:17:06.122Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:20:26Z"
        }
    ]
}
2026-01-15T15:17:36.395Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:17:36.404Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:20:56Z"
        }
    ]
}
2026-01-15T15:18:06.687Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:18:06.693Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:21:26Z"
            }
        ]
}
2026-01-15T15:18:36.973Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:18:36.980Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:21:56Z"
        }
    ]
}
2026-01-15T15:19:07.256Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:19:07.263Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:22:27Z"
        }
    ]
}
2026-01-15T15:19:37.539Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T15:19:37.546Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:22:57Z"
        }
    ]
}
2026-01-15T15:20:07.819Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:20:07.825Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:23:27Z"
        }
    ]
}
2026-01-15T15:20:38.099Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:20:38.105Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:23:58Z"
        }
    ]
```

```
}
2026-01-15T15:21:08.381Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:21:08.388Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:24:28Z"
        }
    ]
}
2026-01-15T15:21:38.665Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:21:38.671Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:24:58Z"
        }
    ]
}
2026-01-15T15:22:08.943Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:22:08.947Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:25:28Z"
            }
        ]
}
2026-01-15T15:22:39.221Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:22:39.227Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:25:59Z"
            }
        ]
}
2026-01-15T15:23:09.502Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:23:09.507Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:26:29Z"
            }
        ]
}
2026-01-15T15:23:39.803Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:23:39.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:26:59Z"
        }
    ]
}
2026-01-15T15:24:10.078Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:24:10.084Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:27:30Z"
        }
    ]
}
2026-01-15T15:24:40.361Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:24:40.367Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:28:00Z"
```

```
        }
    ]
}
2026-01-15T15:25:10.637Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:25:10.642Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:28:30Z"
        }
    ]
}
2026-01-15T15:25:40.917Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:25:40.923Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:29:00Z"
        }
    ]
}
2026-01-15T15:26:11.201Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:26:11.207Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:29:31Z"
        }
    ]
}
2026-01-15T15:26:41.486Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:26:41.492Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:30:01Z"
        }
    ]
}
2026-01-15T15:27:11.779Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:27:11.783Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:30:31Z"
        }
    ]
}
2026-01-15T15:27:42.065Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:27:42.072Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:31:02Z"
        }
    ]
}
2026-01-15T15:28:12.342Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:28:12.348Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:31:32Z"
        }
    ]
}
2026-01-15T15:28:42.634Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:28:42.640Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T15:32:02Z"
        }
    ]
}
2026-01-15T15:29:12.915Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:29:12.921Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:32:32Z"
        }
    ]
}
2026-01-15T15:29:43.194Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:29:43.200Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:33:03Z"
        }
    ]
}
2026-01-15T15:30:13.474Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:30:13.480Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:33:33Z"
        }
    ]
}
2026-01-15T15:30:43.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:30:43.755Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:34:03Z"
        }
    ]
}
2026-01-15T15:31:14.046Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:31:14.053Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:34:34Z"
        }
    ]
}
2026-01-15T15:31:44.331Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:31:44.335Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:35:04Z"
        }
    ]
}
2026-01-15T15:32:14.605Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:32:14.609Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:35:34Z"
        }
    ]
}
2026-01-15T15:32:44.884Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:32:44.890Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:36:04Z"
            }
        ]
}
2026-01-15T15:33:15.158Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:33:15.165Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:36:35Z"
        }
    ]
}
2026-01-15T15:33:45.443Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:33:45.448Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:37:05Z"
        }
    ]
}
2026-01-15T15:34:15.720Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T15:34:15.726Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:37:35Z"
        }
    ]
}
2026-01-15T15:34:45.997Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:34:46.003Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:38:06Z"
        }
    ]
}
2026-01-15T15:35:16.290Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:35:16.296Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:38:36Z"
        }
    ]
```

```
}
2026-01-15T15:35:46.572Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:35:46.578Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:39:06Z"
        }
    ]
}
2026-01-15T15:36:16.858Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:36:16.864Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:39:36Z"
        }
    ]
}
2026-01-15T15:36:47.135Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:36:47.141Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:40:07Z"
            }
        ]
}
2026-01-15T15:37:17.427Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:37:17.434Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:40:37Z"
            }
        ]
}
2026-01-15T15:37:47.707Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:37:47.714Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:41:07Z"
            }
        ]
}
2026-01-15T15:38:17.989Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:38:17.996Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:41:37Z"
        }
    ]
}
2026-01-15T15:38:48.273Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:38:48.279Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:42:08Z"
        }
    ]
}
2026-01-15T15:39:18.549Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:39:18.555Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:42:38Z"
```

```
        }
    ]
}
2026-01-15T15:39:48.828Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:39:48.834Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:43:08Z"
        }
    ]
}
2026-01-15T15:40:19.115Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:40:19.121Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:43:39Z"
        }
    ]
}
2026-01-15T15:40:49.404Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:40:49.410Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:44:09Z"
        }
    ]
}
2026-01-15T15:41:19.678Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:41:19.684Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:44:39Z"
        }
    ]
}
2026-01-15T15:41:49.959Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:41:49.964Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:45:09Z"
        }
    ]
}
2026-01-15T15:42:20.263Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:42:20.269Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:45:40Z"
        }
    ]
}
2026-01-15T15:42:50.538Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:42:50.543Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:46:10Z"
        }
    ]
}
2026-01-15T15:43:20.812Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:43:20.819Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-15T15:46:40Z"
            }
        ]
}
2026-01-15T15:43:51.089Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:43:51.095Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:47:11Z"
        }
    ]
}
2026-01-15T15:44:21.372Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:44:21.378Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:47:41Z"
        }
    ]
}
2026-01-15T15:44:51.654Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:44:51.660Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:48:11Z"
        }
    ]
}
2026-01-15T15:45:21.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:45:21.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:48:41Z"
        }
    ]
}
2026-01-15T15:45:52.216Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:45:52.221Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:49:12Z"
        }
    ]
}
2026-01-15T15:46:22.509Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:46:22.515Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:49:42Z"
        }
    ]
}
2026-01-15T15:46:52.796Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:46:52.802Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:50:12Z"
        }
    ]
}
2026-01-15T15:47:23.082Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:47:23.086Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:50:43Z"
            }
        ]
}
2026-01-15T15:47:53.365Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:47:53.371Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:51:13Z"
            }
        ]
}
2026-01-15T15:48:23.654Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:48:23.661Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:51:43Z"
            }
        ]
}
2026-01-15T15:48:53.937Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T15:48:53.943Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:52:13Z"
        }
    ]
}
2026-01-15T15:49:24.223Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:49:24.230Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:52:44Z"
        }
    ]
}
2026-01-15T15:49:54.506Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:49:54.512Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:53:14Z"
        }
    ]
```

```
}
2026-01-15T15:50:24.793Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:50:24.799Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:53:44Z"
        }
    ]
}
2026-01-15T15:50:55.073Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:50:55.078Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:54:15Z"
        }
    ]
}
2026-01-15T15:51:25.354Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:51:25.358Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:54:45Z"
            }
        ]
}
2026-01-15T15:51:55.631Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:51:55.635Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:55:15Z"
            }
        ]
}
2026-01-15T15:52:25.915Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:52:25.921Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:55:45Z"
            }
        ]
}
2026-01-15T15:52:56.191Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:52:56.197Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:56:16Z"
        }
    ]
}
2026-01-15T15:53:26.470Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:53:26.476Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:56:46Z"
        }
    ]
}
2026-01-15T15:53:56.757Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:53:56.767Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:57:16Z"
```

```
        }
    ]
}
2026-01-15T15:54:27.042Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:54:27.048Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:57:47Z"
        }
    ]
}
2026-01-15T15:54:57.331Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:54:57.335Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:58:17Z"
        }
    ]
}
2026-01-15T15:55:27.607Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:55:27.611Z - INFO - engine sent successfully, the response to CBRS    : {
```

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    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:58:47Z"
        }
    ]
}
2026-01-15T15:55:57.895Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:55:57.901Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:59:17Z"
        }
    ]
}
2026-01-15T15:56:28.184Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:56:28.190Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:59:48Z"
        }
    ]
}
2026-01-15T15:56:58.467Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:56:58.471Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:00:18Z"
            }
        ]
}
2026-01-15T15:57:28.752Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:57:28.759Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:00:48Z"
            }
        ]
}
2026-01-15T15:57:59.030Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:57:59.036Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T16:01:19Z"
        }
    ]
}
2026-01-15T15:58:29.315Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:58:29.319Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:01:49Z"
        }
    ]
}
2026-01-15T15:58:59.595Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:58:59.601Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:02:19Z"
        }
    ]
}
2026-01-15T15:59:29.885Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:59:29.891Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:02:49Z"
        }
    ]
}
2026-01-15T16:00:00.171Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:00:00.178Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:03:20Z"
        }
    ]
}
2026-01-15T16:00:30.493Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:00:30.499Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:03:50Z"
        }
    ]
}
2026-01-15T16:01:00.778Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:01:00.783Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:04:20Z"
        }
    ]
}
2026-01-15T16:01:31.062Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:01:31.068Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:04:51Z"
        }
    ]
}
2026-01-15T16:02:01.349Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:02:01.355Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:05:21Z"
            }
        ]
}
2026-01-15T16:02:31.632Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:02:31.638Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:05:51Z"
        }
    ]
}
2026-01-15T16:03:01.907Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:03:01.913Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:06:21Z"
        }
    ]
}
2026-01-15T16:03:32.197Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T16:03:32.203Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:06:52Z"
        }
    ]
}
2026-01-15T16:04:02.490Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:04:02.494Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:07:22Z"
        }
    ]
}
2026-01-15T16:04:32.788Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:04:32.793Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:07:52Z"
        }
    ]
```

```
}
2026-01-15T16:05:03.073Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:05:03.079Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:08:23Z"
        }
    ]
}
2026-01-15T16:05:33.361Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:05:33.368Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:08:53Z"
        }
    ]
}
2026-01-15T16:06:03.645Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:06:03.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:09:23Z"
            }
        ]
}
2026-01-15T16:06:33.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:06:33.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:09:53Z"
            }
        ]
}
2026-01-15T16:07:04.216Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:07:04.220Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:10:24Z"
            }
        ]
}
2026-01-15T16:07:34.497Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:07:34.503Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:10:54Z"
        }
    ]
}
2026-01-15T16:08:04.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:08:04.792Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:11:24Z"
        }
    ]
}
2026-01-15T16:08:35.084Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:08:35.091Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:11:55Z"
```

```
        }
    ]
}
2026-01-15T16:09:05.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:09:05.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:12:25Z"
        }
    ]
}
2026-01-15T16:09:35.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:09:35.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:12:55Z"
        }
    ]
}
2026-01-15T16:10:05.957Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:10:05.961Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:13:25Z"
        }
    ]
}
2026-01-15T16:10:36.237Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:10:36.243Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:13:56Z"
        }
    ]
}
2026-01-15T16:10:59.111Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
            ],
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
```

```
            "measBandwidth": 10000000,
            "measFrequency": 3550000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3560000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3570000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3660000000,
            "measRcvdPower": -99
```

```
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-15T16:10:59.121Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T16:10:59.121Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T16:10:59.125Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T16:10:59.127Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T16:10:59.128Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
```

```
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-15T16:11:06.526Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:11:06.530Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:14:26Z"
        }
    ]
}
2026-01-15T16:11:36.802Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:11:36.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T16:14:56Z"
        }
    ]
}
2026-01-15T16:12:07.092Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:12:07.098Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:15:27Z"
        }
    ]
}
2026-01-15T16:12:37.371Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:12:37.378Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:15:57Z"
        }
    ]
}
2026-01-15T16:13:07.653Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T16:13:07.661Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:16:27Z"
        }
    ]
}
2026-01-15T16:13:37.936Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:13:37.941Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:16:57Z"
        }
    ]
}
2026-01-15T16:14:08.223Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:14:08.229Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:17:28Z"
        }
    ]
}
2026-01-15T16:14:38.507Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:14:38.513Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:17:58Z"
        }
    ]
}
2026-01-15T16:15:08.789Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:15:08.796Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:18:28Z"
        }
    ]
}
2026-01-15T16:15:39.072Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:15:39.078Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:18:59Z"
            }
        ]
}
2026-01-15T16:16:09.352Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:16:09.358Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:19:29Z"
        }
    ]
}
2026-01-15T16:16:39.634Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:16:39.640Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:19:59Z"
        }
    ]
}
2026-01-15T16:17:09.910Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T16:17:09.914Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:20:29Z"
            }
        ]
}
2026-01-15T16:17:40.223Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:17:40.229Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:21:00Z"
            }
        ]
}
2026-01-15T16:18:10.505Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:18:10.510Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:21:30Z"
            }
        ]
```

```
}
2026-01-15T16:18:40.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:18:40.792Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:22:00Z"
        }
    ]
}
2026-01-15T16:19:11.065Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:19:11.069Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:22:31Z"
        }
    ]
}
2026-01-15T16:19:41.358Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:19:41.364Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:23:01Z"
            }
        ]
}
2026-01-15T16:20:11.642Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:20:11.648Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:23:31Z"
            }
        ]
}
2026-01-15T16:20:41.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:20:41.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:24:01Z"
            }
        ]
}
2026-01-15T16:21:12.213Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:21:12.219Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:24:32Z"
        }
    ]
}
2026-01-15T16:21:42.500Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:21:42.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:25:02Z"
        }
    ]
}
2026-01-15T16:22:12.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:22:12.790Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:25:32Z"
```

```
        }
    ]
}
2026-01-15T16:22:43.069Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:22:43.075Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:26:03Z"
        }
    ]
}
2026-01-15T16:23:13.348Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:23:13.354Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:26:33Z"
        }
    ]
}
2026-01-15T16:23:43.638Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:23:43.644Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:27:03Z"
        }
    ]
}
2026-01-15T16:24:13.927Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:24:13.931Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:27:33Z"
        }
    ]
}
2026-01-15T16:24:44.207Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:24:44.213Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:28:04Z"
        }
    ]
}
2026-01-15T16:25:14.483Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:25:14.489Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:28:34Z"
        }
    ]
}
2026-01-15T16:25:44.769Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:25:44.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:29:04Z"
        }
    ]
}
2026-01-15T16:26:15.049Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:26:15.055Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T16:29:35Z"
        }
    ]
}
2026-01-15T16:26:45.335Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:26:45.341Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:30:05Z"
        }
    ]
}
2026-01-15T16:27:15.617Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:27:15.621Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:30:35Z"
        }
    ]
}
2026-01-15T16:27:45.914Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T16:27:45.920Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:31:05Z"
        }
    ]
}
2026-01-15T16:28:16.200Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:28:16.204Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:31:36Z"
        }
    ]
}
2026-01-15T16:28:46.480Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:28:46.486Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:32:06Z"
        }
    ]
}
2026-01-15T16:29:16.767Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:29:16.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:32:36Z"
        }
    ]
}
2026-01-15T16:29:47.052Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:29:47.058Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:33:07Z"
        }
    ]
}
2026-01-15T16:30:17.334Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:30:17.339Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:33:37Z"
            }
        ]
}
2026-01-15T16:30:47.615Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:30:47.621Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:34:07Z"
            }
        ]
}
2026-01-15T16:31:17.898Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:31:17.904Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:34:37Z"
            }
        ]
}
2026-01-15T16:31:48.184Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T16:31:48.190Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:35:08Z"
            }
    ]
}
2026-01-15T16:32:18.466Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T16:32:18.471Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:35:38Z"
            }
    ]
}
2026-01-15T16:32:48.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T16:32:48.755Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:36:08Z"
            }
    ]
```

```
}
2026-01-15T16:33:19.033Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:33:19.039Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:36:39Z"
        }
    ]
}
2026-01-15T16:33:49.318Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:33:49.322Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:37:09Z"
        }
    ]
}
2026-01-15T16:34:19.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:34:19.607Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:37:39Z"
            }
        ]
}
2026-01-15T16:34:49.888Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:34:49.894Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:38:09Z"
            }
        ]
}
2026-01-15T16:35:20.180Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:35:20.187Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:38:40Z"
            }
        ]
}
2026-01-15T16:35:50.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:35:50.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:39:10Z"
        }
    ]
}
2026-01-15T16:36:20.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:36:20.753Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:39:40Z"
        }
    ]
}
2026-01-15T16:36:51.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:36:51.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:40:11Z"
```

```
            }
        ]
}
2026-01-15T16:37:21.321Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:37:21.326Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:40:41Z"
        }
    ]
}
2026-01-15T16:37:51.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:37:51.608Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:41:11Z"
        }
    ]
}
2026-01-15T16:38:21.887Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:38:21.892Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:41:41Z"
        }
    ]
}
2026-01-15T16:38:52.164Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:38:52.171Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:42:12Z"
        }
    ]
}
2026-01-15T16:39:22.457Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:39:22.463Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:42:42Z"
        }
    ]
}
2026-01-15T16:39:52.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:39:52.755Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:43:12Z"
        }
    ]
}
2026-01-15T16:40:23.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:40:23.035Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:43:43Z"
        }
    ]
}
2026-01-15T16:40:53.309Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:40:53.315Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T16:44:13Z"
        }
    ]
}
2026-01-15T16:41:23.604Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:41:23.608Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:44:43Z"
        }
    ]
}
2026-01-15T16:41:53.894Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:41:53.900Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:45:13Z"
        }
    ]
}
2026-01-15T16:42:24.180Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T16:42:24.186Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:45:44Z"
        }
    ]
}
2026-01-15T16:42:54.470Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:42:54.476Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:46:14Z"
        }
    ]
}
2026-01-15T16:43:24.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:43:24.756Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:46:44Z"
        }
    ]
}
2026-01-15T16:43:55.029Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:43:55.035Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:47:15Z"
        }
    ]
}
2026-01-15T16:44:25.325Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:44:25.331Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:47:45Z"
        }
    ]
}
2026-01-15T16:44:55.602Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:44:55.608Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:48:15Z"
            }
        ]
}
2026-01-15T16:45:25.885Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:45:25.891Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:48:45Z"
        }
    ]
}
2026-01-15T16:45:56.170Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:45:56.176Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:49:16Z"
        }
    ]
}
2026-01-15T16:46:26.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T16:46:26.469Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:49:46Z"
        }
    ]
}
2026-01-15T16:46:56.736Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:46:56.742Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:50:16Z"
        }
    ]
}
2026-01-15T16:47:27.026Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:47:27.032Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:50:47Z"
        }
    ]
```

```
}
2026-01-15T16:47:57.305Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T16:47:57.311Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T16:51:17Z"
            }
      ]
}
2026-01-15T16:48:27.584Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
```

8.2 For External

8.2.1 WINNF.PT.C.HBT.1(MAX EIRP = 10 DBM/MHZ)

2026-01-16T06:17:47.775Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-16T06:17:47.776Z - INFO - Selected spectrum frequency is {'lowFrequency': 3630000000L, 'highFrequency': 3670000000L}
2026-01-16T06:17:47.776Z - INFO - Granted Spectrum Max Eirp = 10dBm/MHz
2026-01-16T06:17:47.776Z - INFO - the selected test from the user : PowerMeasTest is starting now
2026-01-16T06:25:21.884Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-16T06:25:21.911Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-16T06:25:22.272Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
```

```
                "lowFrequency": 3650000000
            },
            {
                "highFrequency": 3670000000,
                "lowFrequency": 3660000000
            }
        ],
        "measReport": {
            "rcvdPowerMeasReports": [
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3550000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3560000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3570000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3580000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3590000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3600000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3610000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3620000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3630000000,
                    "measRcvdPower": -99
                },
                {
                    "measBandwidth": 10000000,
                    "measFrequency": 3640000000,
                    "measRcvdPower": -99
```

```
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-16T06:25:22.279Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T06:25:22.279Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T06:25:22.280Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T06:25:22.280Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T06:25:22.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 10,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
```

```
                    "maxEirp": 10,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 10,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 10,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T06:25:22.535Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
```

```
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3660000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3670000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3680000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3690000000,
                "measRcvdPower": -99
            }
        ]
    },
    "operationParam": {
        "maxEirp": 10.0,
        "operationFrequencyRange": {
            "highFrequency": 3670000000,
```

```
                        "lowFrequency": 3630000000
                    }
                }
            }
        ]
}
2026-01-16T06:25:22.540Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-23T06:25:22Z",
            "grantId": "753304783",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T06:25:22.854Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-16T06:25:22.858Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:28:42Z"
        }
    ]
}
2026-01-16T06:25:53.128Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:25:53.134Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
```

```
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:29:13Z"
            }
        ]
}
2026-01-16T06:26:23.401Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:26:23.407Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:29:43Z"
        }
    ]
}
2026-01-16T06:26:53.691Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:26:53.700Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:30:13Z"
        }
    ]
}
2026-01-16T06:27:23.974Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
```

```
    ]
}
2026-01-16T06:27:23.980Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:30:43Z"
        }
    ]
}
2026-01-16T06:27:54.272Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:27:54.278Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:31:14Z"
        }
    ]
}
2026-01-16T06:28:24.575Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:28:24.582Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:31:44Z"
        }
    ]
}
```

```
2026-01-16T06:28:54.913Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:28:54.918Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:32:14Z"
        }
    ]
}
2026-01-16T06:29:25.207Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:29:25.213Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:32:45Z"
        }
    ]
}
2026-01-16T06:29:55.500Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:29:55.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
```

```
                "grantId": "753304783",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:33:15Z"
            }
        ]
}
2026-01-16T06:30:25.793Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:30:25.799Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:33:45Z"
        }
    ]
}
2026-01-16T06:30:56.095Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:30:56.101Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:34:16Z"
        }
    ]
}
2026-01-16T06:31:26.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
```

```
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T06:31:26.390Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:34:46Z"
        }
    ]
}
2026-01-16T06:31:56.687Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:31:56.693Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:35:16Z"
        }
    ]
}
2026-01-16T06:32:26.983Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:32:26.990Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:35:46Z"
        }
```

```
    ]
}
2026-01-16T06:32:57.286Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:32:57.292Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:36:17Z"
        }
    ]
}
2026-01-16T06:33:27.592Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:33:27.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:36:47Z"
        }
    ]
}
2026-01-16T06:33:57.898Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:33:57.903Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
```

```
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:37:17Z"
        }
    ]
}
2026-01-16T06:34:28.198Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:34:28.203Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:37:48Z"
        }
    ]
}
2026-01-16T06:34:58.490Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:34:58.496Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:38:18Z"
        }
    ]
}
2026-01-16T06:35:28.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
```

```
                "grantId": "753304783",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T06:35:28.792Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:38:48Z"
        }
    ]
}
2026-01-16T06:35:59.082Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:35:59.089Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:39:19Z"
        }
    ]
}
2026-01-16T06:36:29.380Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:36:29.387Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
```

```
                "transmitExpireTime": "2026-01-16T06:39:49Z"
            }
        ]
}
2026-01-16T06:36:59.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:36:59.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:40:19Z"
        }
    ]
}
2026-01-16T06:37:29.977Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:37:29.983Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:40:49Z"
        }
    ]
}
2026-01-16T06:38:00.276Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
```

```
2026-01-16T06:38:00.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:41:20Z"
        }
    ]
}
2026-01-16T06:38:30.581Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:38:30.586Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:41:50Z"
        }
    ]
}
2026-01-16T06:39:00.890Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:39:00.895Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:42:20Z"
        }
    ]
}
2026-01-16T06:39:31.198Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
```

```
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:39:31.204Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:42:51Z"
        }
    ]
}
2026-01-16T06:40:01.496Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:40:01.502Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:43:21Z"
        }
    ]
}
2026-01-16T06:40:31.802Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:40:31.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
```

```
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:43:51Z"
            }
        ]
}
2026-01-16T06:41:02.121Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:41:02.128Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:44:22Z"
        }
    ]
}
2026-01-16T06:41:32.405Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:41:32.413Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "753304783",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:44:52Z"
        }
    ]
}
```

8.2.2 WINNF.PT.C.HBT.1(MAX EIRP = 15 DBM/MHZ)

2026-01-16T05:31:02.513Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-16T05:31:02.515Z - INFO - Selected spectrum frequency is {'lowFrequency': 3630000000L, 'highFrequency': 3670000000L}
2026-01-16T05:31:02.515Z - INFO - Granted Spectrum Max Eirp = 15dBm/MHz
2026-01-16T05:31:02.516Z - INFO - the selected test from the user : PowerMeasTest is starting now
2026-01-16T05:38:03.299Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-16T05:38:03.328Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-16T05:38:03.779Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
```

```
            "highFrequency": 3670000000,
            "lowFrequency": 3660000000
        }
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
```

```
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-16T05:38:03.789Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T05:38:03.789Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T05:38:03.789Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T05:38:03.789Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T05:38:03.790Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 15,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 15,
                    "ruleApplied": "FCC_PART_96"
                },
```

```
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 15,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 15,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T05:38:04.026Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3660000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3670000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3680000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3690000000,
                "measRcvdPower": -99
            }
        ]
    },
    "operationParam": {
        "maxEirp": 15.0,
        "operationFrequencyRange": {
            "highFrequency": 3670000000,
            "lowFrequency": 3630000000
        }
    }
```

```
            }
        ]
}
2026-01-16T05:38:04.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "channelType": "GAA",
            "grantExpireTime": "2026-01-23T05:38:04Z",
            "grantId": "152127292",
            "heartbeatInterval": 60,
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T05:38:04.357Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-16T05:38:04.364Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:41:24Z"
        }
    ]
}
2026-01-16T05:38:34.641Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:38:34.648Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:41:54Z"
```

```
        }
    ]
}
2026-01-16T05:39:04.926Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:39:04.934Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:42:24Z"
        }
    ]
}
2026-01-16T05:39:35.226Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:39:35.233Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:42:55Z"
        }
    ]
}
2026-01-16T05:40:05.523Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:40:05.532Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:43:25Z"
        }
    ]
}
2026-01-16T05:40:35.815Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:40:35.819Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:43:55Z"
        }
    ]
}
2026-01-16T05:41:06.096Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:41:06.102Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:44:26Z"
        }
    ]
}
2026-01-16T05:41:36.420Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:41:36.427Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:44:56Z"
        }
    ]
}
2026-01-16T05:42:06.710Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:42:06.716Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:45:26Z"
        }
    ]
}
2026-01-16T05:42:36.993Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:42:37.000Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-16T05:45:56Z"
            }
        ]
}
2026-01-16T05:43:07.276Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-16T05:43:07.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:46:27Z"
            }
    ]
}
2026-01-16T05:43:37.576Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-16T05:43:37.585Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:46:57Z"
            }
    ]
}
2026-01-16T05:44:07.880Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
```

```
}
2026-01-16T05:44:07.884Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:47:27Z"
        }
    ]
}
2026-01-16T05:44:38.181Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:44:38.187Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:47:58Z"
        }
    ]
}
2026-01-16T05:45:08.507Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:45:08.513Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:48:28Z"
        }
    ]
}
2026-01-16T05:45:38.825Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:45:38.831Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:48:58Z"
        }
    ]
}
2026-01-16T05:46:09.117Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:46:09.122Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:49:29Z"
        }
    ]
}
2026-01-16T05:46:39.414Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:46:39.421Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:49:59Z"
            }
        ]
}
2026-01-16T05:47:09.726Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:47:09.732Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:50:29Z"
            }
        ]
}
2026-01-16T05:47:40.033Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:47:40.039Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:51:00Z"
            }
        ]
}
2026-01-16T05:48:10.332Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T05:48:10.339Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:51:30Z"
        }
    ]
}
2026-01-16T05:48:40.641Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:48:40.647Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:52:00Z"
        }
    ]
}
2026-01-16T05:49:10.947Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:49:10.953Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:52:30Z"
        }
    ]
```

```
}
2026-01-16T05:49:41.239Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:49:41.244Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:53:01Z"
        }
    ]
}
2026-01-16T05:50:11.536Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:50:11.542Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:53:31Z"
        }
    ]
}
2026-01-16T05:50:41.832Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:50:41.838Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:54:01Z"
            }
        ]
}
2026-01-16T05:51:12.140Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:51:12.145Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:54:32Z"
            }
        ]
}
2026-01-16T05:51:42.430Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:51:42.436Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:55:02Z"
            }
        ]
}
2026-01-16T05:52:12.721Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "152127292",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:52:12.727Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:55:32Z"
        }
    ]
}
2026-01-16T05:52:43.019Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:52:43.025Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:56:03Z"
        }
    ]
}
2026-01-16T05:53:13.322Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:53:13.328Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:56:33Z"
```

```
            }
        ]
}
2026-01-16T05:53:43.625Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:53:43.631Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:57:03Z"
        }
    ]
}
2026-01-16T05:54:13.950Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:54:13.956Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:57:33Z"
        }
    ]
}
2026-01-16T05:54:44.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:54:44.257Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:58:04Z"
        }
    ]
}
2026-01-16T05:55:14.552Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:55:14.559Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:58:34Z"
        }
    ]
}
2026-01-16T05:55:44.849Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:55:44.855Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:59:04Z"
        }
    ]
}
2026-01-16T05:56:15.161Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:56:15.167Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:59:35Z"
        }
    ]
}
2026-01-16T05:56:45.470Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:56:45.476Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:00:05Z"
        }
    ]
}
2026-01-16T05:57:15.747Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:57:15.753Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T06:00:35Z"
        }
    ]
}
2026-01-16T05:57:46.028Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:57:46.033Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:01:06Z"
        }
    ]
}
2026-01-16T05:58:16.348Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:58:16.355Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:01:36Z"
        }
    ]
}
2026-01-16T05:58:46.628Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T05:58:46.634Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:02:06Z"
        }
    ]
}
2026-01-16T05:59:16.911Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:59:16.917Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:02:36Z"
        }
    ]
}
2026-01-16T05:59:47.200Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:59:47.207Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:03:07Z"
        }
    ]
}
2026-01-16T06:00:17.530Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:00:17.536Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:03:37Z"
        }
    ]
}
2026-01-16T06:00:47.813Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:00:47.819Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:04:07Z"
        }
    ]
}
2026-01-16T06:01:18.104Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:01:18.108Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T06:04:38Z"
            }
        ]
}
2026-01-16T06:01:48.391Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:01:48.397Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:05:08Z"
        }
    ]
}
2026-01-16T06:02:18.676Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T06:02:18.684Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "152127292",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T06:05:38Z"
        }
    ]
}
```

8.2.3 WINNF.PT.C.HBT.1(MAX EIRP = 20 DBM/MHZ)

2026-01-15T14:04:15.424Z - INFO - WINNF TEST HARNESS RELEASE: 1.0.0.3 - 2018-November-13
2026-01-15T14:04:15.424Z - INFO - Selected spectrum frequency is {'lowFrequency': 3630000000L, 'highFrequency': 3670000000L}
2026-01-15T14:04:15.424Z - INFO - Granted Spectrum Max Eirp = 20dBm/MHz
2026-01-15T14:04:15.426Z - INFO - the selected test from the user : PowerMeasTest is starting now
2026-01-15T14:10:58.036Z - INFO - registration request from CBRS : {

```
"registrationRequest": [
    {
        "airInterface": {
            "radioTechnology": "NR"
        },
        "cbsdCategory": "A",
        "cbsdInfo": {
            "model": "INDOOR",
            "softwareVersion": "IndoorV1",
            "vendor": "Kolibri-Indoor"
        },
        "cbsdSerialNumber": "LBNKIASRC230170825.NR",
        "fccId": "2ASK5AIOID5GSC03",
        "measCapability": [
            "RECEIVED_POWER_WITHOUT_GRANT"
        ],
        "userId": "nokia"
    }
]
```

}
2026-01-15T14:10:58.061Z - INFO - engine sent successfully, the response to CBRS : {

```
"registrationResponse": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "response": {
            "responseCode": 0
        }
    }
]
```

}
2026-01-15T14:10:58.342Z - INFO - spectrumInquiry request from CBRS : {

```
"spectrumInquiryRequest": [
    {
        "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
        "inquiredSpectrum": [
            {
                "highFrequency": 3640000000,
                "lowFrequency": 3630000000
            },
            {
                "highFrequency": 3650000000,
                "lowFrequency": 3640000000
            },
            {
                "highFrequency": 3660000000,
                "lowFrequency": 3650000000
            },
            {
```

```
            "highFrequency": 3670000000,
            "lowFrequency": 3660000000
        }
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
```

```
                        "measFrequency": 3650000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-15T14:10:58.348Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T14:10:58.349Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T14:10:58.349Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T14:10:58.351Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T14:10:58.351Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
```

```
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-15T14:10:58.581Z - INFO - grant request from CBRS    : {
    "grantRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3580000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3590000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3660000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3670000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3680000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3690000000,
                "measRcvdPower": -99
            }
        ]
    },
    "operationParam": {
        "maxEirp": 20.0,
        "operationFrequencyRange": {
            "highFrequency": 3670000000,
            "lowFrequency": 3630000000
        }
    }
```

```
            }
        ]
}
2026-01-15T14:10:58.589Z - INFO - engine sent successfully, the response to CBRS    : {
    "grantResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "channelType": "GAA",
                "grantExpireTime": "2026-01-22T14:10:58Z",
                "grantId": "643735732",
                "heartbeatInterval": 60,
                "response": {
                    "responseCode": 0
                }
            }
        ]
}
2026-01-15T14:10:58.894Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "GRANTED"
            }
        ]
}
2026-01-15T14:10:58.901Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:14:18Z"
            }
        ]
}
2026-01-15T14:11:29.177Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:11:29.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:14:49Z"
```

```
        }
    ]
}
2026-01-15T14:11:59.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:11:59.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:15:19Z"
        }
    ]
}
2026-01-15T14:12:29.753Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:12:29.759Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:15:49Z"
        }
    ]
}
2026-01-15T14:13:00.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:13:00.046Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:16:20Z"
        }
    ]
}
2026-01-15T14:13:30.352Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:13:30.358Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:16:50Z"
        }
    ]
}
2026-01-15T14:14:00.631Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:14:00.638Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:17:20Z"
        }
    ]
}
2026-01-15T14:14:30.913Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:14:30.918Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:17:50Z"
        }
    ]
}
2026-01-15T14:15:01.196Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:15:01.200Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:18:21Z"
        }
    ]
}
2026-01-15T14:15:31.469Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:15:31.473Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T14:18:51Z"
        }
    ]
}
2026-01-15T14:16:01.743Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:16:01.750Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:19:21Z"
        }
    ]
}
2026-01-15T14:16:32.023Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:16:32.029Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:19:52Z"
        }
    ]
}
2026-01-15T14:17:02.326Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T14:17:02.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:20:22Z"
        }
    ]
}
2026-01-15T14:17:32.615Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:17:32.624Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:20:52Z"
        }
    ]
}
2026-01-15T14:18:02.914Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:18:02.920Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:21:22Z"
        }
    ]
}
2026-01-15T14:18:33.196Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:18:33.200Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:21:53Z"
        }
    ]
}
2026-01-15T14:19:03.489Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:19:03.494Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:22:23Z"
        }
    ]
}
2026-01-15T14:19:33.772Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:19:33.778Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:22:53Z"
            }
        ]
}
2026-01-15T14:20:04.045Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:20:04.051Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:23:24Z"
            }
        ]
}
2026-01-15T14:20:34.326Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:20:34.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:23:54Z"
            }
        ]
}
2026-01-15T14:21:04.614Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T14:21:04.618Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:24:24Z"
        }
    ]
}
2026-01-15T14:21:34.890Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:21:34.894Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:24:54Z"
        }
    ]
}
2026-01-15T14:22:05.173Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:22:05.178Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:25:25Z"
        }
    ]
```

```
}
2026-01-15T14:22:35.456Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:22:35.461Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:25:55Z"
        }
    ]
}
2026-01-15T14:23:05.734Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:23:05.740Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:26:25Z"
        }
    ]
}
2026-01-15T14:23:36.013Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:23:36.019Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:26:56Z"
            }
        ]
}
2026-01-15T14:24:06.289Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:24:06.295Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:27:26Z"
            }
        ]
}
2026-01-15T14:24:36.566Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:24:36.572Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:27:56Z"
            }
        ]
}
2026-01-15T14:25:06.848Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:25:06.854Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:28:26Z"
        }
    ]
}
2026-01-15T14:25:37.125Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:25:37.130Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:28:57Z"
        }
    ]
}
2026-01-15T14:26:07.401Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:26:07.407Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:29:27Z"
```

```
            }
        ]
}
2026-01-15T14:26:37.684Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:26:37.690Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:29:57Z"
            }
        ]
}
2026-01-15T14:27:07.977Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:27:07.983Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:30:27Z"
            }
        ]
}
2026-01-15T14:27:38.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:27:38.259Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:30:58Z"
        }
    ]
}
2026-01-15T14:28:08.532Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:28:08.538Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:31:28Z"
        }
    ]
}
2026-01-15T14:28:38.812Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:28:38.818Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:31:58Z"
        }
    ]
}
2026-01-15T14:29:09.095Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:29:09.101Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:32:29Z"
        }
    ]
}
2026-01-15T14:29:39.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:29:39.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:32:59Z"
        }
    ]
}
2026-01-15T14:30:09.663Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:30:09.668Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T14:33:29Z"
        }
    ]
}
2026-01-15T14:30:39.940Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:30:39.947Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:33:59Z"
        }
    ]
}
2026-01-15T14:31:10.219Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:31:10.224Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:34:30Z"
        }
    ]
}
2026-01-15T14:31:40.513Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T14:31:40.522Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:35:00Z"
        }
    ]
}
2026-01-15T14:32:10.799Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:32:10.805Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:35:30Z"
        }
    ]
}
2026-01-15T14:32:41.075Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:32:41.082Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:36:01Z"
        }
    ]
}
2026-01-15T14:33:11.358Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:33:11.365Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:36:31Z"
        }
    ]
}
2026-01-15T14:33:41.644Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:33:41.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:37:01Z"
        }
    ]
}
2026-01-15T14:34:11.934Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:34:11.941Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:37:31Z"
            }
        ]
}
2026-01-15T14:34:42.214Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:34:42.220Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:38:02Z"
        }
    ]
}
2026-01-15T14:35:12.502Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:35:12.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:38:32Z"
        }
    ]
}
2026-01-15T14:35:42.782Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T14:35:42.789Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:39:02Z"
        }
    ]
}
2026-01-15T14:36:13.062Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:36:13.069Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:39:33Z"
        }
    ]
}
2026-01-15T14:36:43.352Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:36:43.358Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:40:03Z"
        }
    ]
```

```
}
2026-01-15T14:37:13.642Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:37:13.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:40:33Z"
        }
    ]
}
2026-01-15T14:37:43.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:37:43.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:41:03Z"
        }
    ]
}
2026-01-15T14:38:14.213Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:38:14.219Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:41:34Z"
        }
    ]
}
2026-01-15T14:38:44.494Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:38:44.500Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:42:04Z"
        }
    ]
}
2026-01-15T14:39:14.773Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:39:14.779Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:42:34Z"
        }
    ]
}
2026-01-15T14:39:45.055Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:39:45.062Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:43:05Z"
        }
    ]
}
2026-01-15T14:40:15.344Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:40:15.351Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:43:35Z"
        }
    ]
}
2026-01-15T14:40:45.637Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:40:45.642Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:44:05Z"
```

```
        }
    ]
}
2026-01-15T14:41:15.921Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:41:15.927Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:44:35Z"
        }
    ]
}
2026-01-15T14:41:46.206Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:41:46.211Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:45:06Z"
        }
    ]
}
2026-01-15T14:42:16.490Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:42:16.494Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:45:36Z"
        }
    ]
}
2026-01-15T14:42:46.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:42:46.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:46:06Z"
        }
    ]
}
2026-01-15T14:43:17.052Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:43:17.059Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:46:37Z"
        }
    ]
}
2026-01-15T14:43:47.338Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:43:47.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:47:07Z"
        }
    ]
}
2026-01-15T14:44:17.619Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:44:17.625Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:47:37Z"
        }
    ]
}
2026-01-15T14:44:47.894Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:44:47.901Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T14:48:07Z"
        }
    ]
}
2026-01-15T14:45:18.177Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:45:18.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:48:38Z"
        }
    ]
}
2026-01-15T14:45:48.456Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:45:48.460Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:49:08Z"
        }
    ]
}
2026-01-15T14:46:18.743Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T14:46:18.750Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:49:38Z"
        }
    ]
}
2026-01-15T14:46:49.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:46:49.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:50:09Z"
        }
    ]
}
2026-01-15T14:47:19.308Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:47:19.312Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:50:39Z"
        }
    ]
}
2026-01-15T14:47:49.594Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:47:49.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:51:09Z"
        }
    ]
}
2026-01-15T14:48:19.878Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:48:19.884Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:51:39Z"
        }
    ]
}
2026-01-15T14:48:50.161Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:48:50.167Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:52:10Z"
            }
        ]
}
2026-01-15T14:49:20.469Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:49:20.474Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:52:40Z"
        }
    ]
}
2026-01-15T14:49:50.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:49:50.757Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:53:10Z"
        }
    ]
}
2026-01-15T14:50:21.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T14:50:21.036Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:53:41Z"
        }
    ]
}
2026-01-15T14:50:51.315Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:50:51.321Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:54:11Z"
        }
    ]
}
2026-01-15T14:51:21.598Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:51:21.605Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:54:41Z"
        }
    ]
```

```
}
2026-01-15T14:51:51.881Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:51:51.888Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:55:11Z"
        }
    ]
}
2026-01-15T14:52:22.170Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:52:22.174Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:55:42Z"
        }
    ]
}
2026-01-15T14:52:52.464Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:52:52.470Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:56:12Z"
            }
        ]
}
2026-01-15T14:53:22.753Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:53:22.759Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:56:42Z"
            }
        ]
}
2026-01-15T14:53:53.046Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:53:53.052Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T14:57:13Z"
            }
        ]
}
2026-01-15T14:54:23.345Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T14:54:23.349Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:57:43Z"
        }
    ]
}
2026-01-15T14:54:53.624Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:54:53.628Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:58:13Z"
        }
    ]
}
2026-01-15T14:55:23.913Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:55:23.917Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:58:43Z"
```

```
        }
    ]
}
2026-01-15T14:55:54.190Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:55:54.194Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:59:14Z"
        }
    ]
}
2026-01-15T14:56:24.467Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:56:24.471Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T14:59:44Z"
        }
    ]
}
2026-01-15T14:56:54.757Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:56:54.763Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:00:14Z"
        }
    ]
}
2026-01-15T14:57:25.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:57:25.046Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:00:45Z"
        }
    ]
}
2026-01-15T14:57:55.328Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:57:55.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:01:15Z"
        }
    ]
}
2026-01-15T14:58:25.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:58:25.607Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:01:45Z"
        }
    ]
}
2026-01-15T14:58:55.885Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:58:55.891Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:02:15Z"
        }
    ]
}
2026-01-15T14:59:26.170Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:59:26.176Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T15:02:46Z"
        }
    ]
}
2026-01-15T14:59:56.447Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T14:59:56.454Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:03:16Z"
        }
    ]
}
2026-01-15T15:00:26.772Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:00:26.778Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:03:46Z"
        }
    ]
}
2026-01-15T15:00:57.051Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:00:57.056Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:04:17Z"
        }
    ]
}
2026-01-15T15:01:27.335Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:01:27.339Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:04:47Z"
        }
    ]
}
2026-01-15T15:01:57.615Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:01:57.621Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:05:17Z"
        }
    ]
}
2026-01-15T15:02:27.901Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:02:27.907Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:05:47Z"
        }
    ]
}
2026-01-15T15:02:58.181Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:02:58.187Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:06:18Z"
        }
    ]
}
2026-01-15T15:03:28.454Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:03:28.460Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:06:48Z"
            }
        ]
}
2026-01-15T15:03:58.732Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:03:58.736Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:07:18Z"
        }
    ]
}
2026-01-15T15:04:29.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:04:29.022Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:07:49Z"
        }
    ]
}
2026-01-15T15:04:59.298Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T15:04:59.303Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:08:19Z"
        }
    ]
}
2026-01-15T15:05:29.572Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:05:29.579Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:08:49Z"
        }
    ]
}
2026-01-15T15:05:59.865Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:05:59.869Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:09:19Z"
        }
    ]
```

```
}
2026-01-15T15:06:30.148Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:06:30.153Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:09:50Z"
        }
    ]
}
2026-01-15T15:07:00.469Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:07:00.474Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:10:20Z"
        }
    ]
}
2026-01-15T15:07:30.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:07:30.753Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:10:50Z"
            }
        ]
}
2026-01-15T15:08:01.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:08:01.045Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:11:21Z"
            }
        ]
}
2026-01-15T15:08:31.328Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:08:31.335Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:11:51Z"
            }
        ]
}
2026-01-15T15:09:01.611Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:09:01.617Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:12:21Z"
        }
    ]
}
2026-01-15T15:09:31.890Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:09:31.895Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:12:51Z"
        }
    ]
}
2026-01-15T15:10:02.176Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:10:02.180Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:13:22Z"
```

```
        }
    ]
}
2026-01-15T15:10:32.461Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:10:32.467Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:13:52Z"
        }
    ]
}
2026-01-15T15:11:02.740Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:11:02.746Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:14:22Z"
        }
    ]
}
2026-01-15T15:11:33.030Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:11:33.036Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:14:53Z"
        }
    ]
}
2026-01-15T15:12:03.312Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:12:03.319Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:15:23Z"
        }
    ]
}
2026-01-15T15:12:33.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:12:33.605Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:15:53Z"
        }
    ]
}
2026-01-15T15:13:03.881Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:13:03.887Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:16:23Z"
        }
    ]
}
2026-01-15T15:13:34.160Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:13:34.165Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:16:54Z"
        }
    ]
}
2026-01-15T15:14:04.444Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:14:04.450Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T15:17:24Z"
        }
    ]
}
2026-01-15T15:14:34.720Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:14:34.726Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:17:54Z"
        }
    ]
}
2026-01-15T15:15:04.996Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:15:05.005Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:18:25Z"
        }
    ]
}
2026-01-15T15:15:35.280Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:15:35.286Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:18:55Z"
        }
    ]
}
2026-01-15T15:16:05.559Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:16:05.565Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:19:25Z"
        }
    ]
}
2026-01-15T15:16:35.838Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:16:35.845Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:19:55Z"
        }
    ]
}
2026-01-15T15:17:06.118Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:17:06.122Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:20:26Z"
        }
    ]
}
2026-01-15T15:17:36.395Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:17:36.404Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:20:56Z"
        }
    ]
}
2026-01-15T15:18:06.687Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:18:06.693Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:21:26Z"
            }
        ]
}
2026-01-15T15:18:36.973Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:18:36.980Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:21:56Z"
        }
    ]
}
2026-01-15T15:19:07.256Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:19:07.263Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:22:27Z"
        }
    ]
}
2026-01-15T15:19:37.539Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T15:19:37.546Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:22:57Z"
        }
    ]
}
2026-01-15T15:20:07.819Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:20:07.825Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:23:27Z"
        }
    ]
}
2026-01-15T15:20:38.099Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:20:38.105Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:23:58Z"
        }
    ]
```

```
}
2026-01-15T15:21:08.381Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:21:08.388Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:24:28Z"
        }
    ]
}
2026-01-15T15:21:38.665Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:21:38.671Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:24:58Z"
        }
    ]
}
2026-01-15T15:22:08.943Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:22:08.947Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:25:28Z"
            }
        ]
}
2026-01-15T15:22:39.221Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:22:39.227Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:25:59Z"
            }
        ]
}
2026-01-15T15:23:09.502Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:23:09.507Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:26:29Z"
            }
        ]
}
2026-01-15T15:23:39.803Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:23:39.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:26:59Z"
        }
    ]
}
2026-01-15T15:24:10.078Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:24:10.084Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:27:30Z"
        }
    ]
}
2026-01-15T15:24:40.361Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:24:40.367Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:28:00Z"
```

```
        }
    ]
}
2026-01-15T15:25:10.637Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:25:10.642Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:28:30Z"
        }
    ]
}
2026-01-15T15:25:40.917Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:25:40.923Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:29:00Z"
        }
    ]
}
2026-01-15T15:26:11.201Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:26:11.207Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:29:31Z"
        }
    ]
}
2026-01-15T15:26:41.486Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:26:41.492Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:30:01Z"
        }
    ]
}
2026-01-15T15:27:11.779Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:27:11.783Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:30:31Z"
        }
    ]
}
2026-01-15T15:27:42.065Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:27:42.072Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:31:02Z"
        }
    ]
}
2026-01-15T15:28:12.342Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:28:12.348Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:31:32Z"
        }
    ]
}
2026-01-15T15:28:42.634Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:28:42.640Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-15T15:32:02Z"
            }
        ]
}
2026-01-15T15:29:12.915Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:29:12.921Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:32:32Z"
        }
    ]
}
2026-01-15T15:29:43.194Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:29:43.200Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:33:03Z"
        }
    ]
}
2026-01-15T15:30:13.474Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:30:13.480Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:33:33Z"
        }
    ]
}
2026-01-15T15:30:43.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:30:43.755Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:34:03Z"
        }
    ]
}
2026-01-15T15:31:14.046Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:31:14.053Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:34:34Z"
        }
    ]
}
2026-01-15T15:31:44.331Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:31:44.335Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:35:04Z"
        }
    ]
}
2026-01-15T15:32:14.605Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:32:14.609Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:35:34Z"
        }
    ]
}
2026-01-15T15:32:44.884Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:32:44.890Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:36:04Z"
            }
        ]
}
2026-01-15T15:33:15.158Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:33:15.165Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:36:35Z"
        }
    ]
}
2026-01-15T15:33:45.443Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:33:45.448Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:37:05Z"
        }
    ]
}
2026-01-15T15:34:15.720Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T15:34:15.726Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:37:35Z"
        }
    ]
}
2026-01-15T15:34:45.997Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:34:46.003Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:38:06Z"
        }
    ]
}
2026-01-15T15:35:16.290Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:35:16.296Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:38:36Z"
        }
    ]
```

```
}
2026-01-15T15:35:46.572Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:35:46.578Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:39:06Z"
        }
    ]
}
2026-01-15T15:36:16.858Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:36:16.864Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:39:36Z"
        }
    ]
}
2026-01-15T15:36:47.135Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:36:47.141Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:40:07Z"
            }
        ]
}
2026-01-15T15:37:17.427Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:37:17.434Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:40:37Z"
            }
        ]
}
2026-01-15T15:37:47.707Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:37:47.714Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:41:07Z"
            }
        ]
}
2026-01-15T15:38:17.989Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:38:17.996Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:41:37Z"
        }
    ]
}
2026-01-15T15:38:48.273Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:38:48.279Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:42:08Z"
        }
    ]
}
2026-01-15T15:39:18.549Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:39:18.555Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:42:38Z"
```

```
            }
        ]
}
2026-01-15T15:39:48.828Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:39:48.834Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:43:08Z"
        }
    ]
}
2026-01-15T15:40:19.115Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:40:19.121Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:43:39Z"
        }
    ]
}
2026-01-15T15:40:49.404Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:40:49.410Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:44:09Z"
        }
    ]
}
2026-01-15T15:41:19.678Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:41:19.684Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:44:39Z"
        }
    ]
}
2026-01-15T15:41:49.959Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:41:49.964Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:45:09Z"
        }
    ]
}
2026-01-15T15:42:20.263Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:42:20.269Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:45:40Z"
        }
    ]
}
2026-01-15T15:42:50.538Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:42:50.543Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:46:10Z"
        }
    ]
}
2026-01-15T15:43:20.812Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:43:20.819Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T15:46:40Z"
        }
    ]
}
2026-01-15T15:43:51.089Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:43:51.095Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:47:11Z"
        }
    ]
}
2026-01-15T15:44:21.372Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:44:21.378Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:47:41Z"
        }
    ]
}
2026-01-15T15:44:51.654Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T15:44:51.660Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:48:11Z"
        }
    ]
}
2026-01-15T15:45:21.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:45:21.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:48:41Z"
        }
    ]
}
2026-01-15T15:45:52.216Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:45:52.221Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:49:12Z"
        }
    ]
}
2026-01-15T15:46:22.509Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:46:22.515Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:49:42Z"
        }
    ]
}
2026-01-15T15:46:52.796Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:46:52.802Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:50:12Z"
        }
    ]
}
2026-01-15T15:47:23.082Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:47:23.086Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:50:43Z"
            }
        ]
}
2026-01-15T15:47:53.365Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:47:53.371Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:51:13Z"
            }
        ]
}
2026-01-15T15:48:23.654Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:48:23.661Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:51:43Z"
            }
        ]
}
2026-01-15T15:48:53.937Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T15:48:53.943Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:52:13Z"
        }
    ]
}
2026-01-15T15:49:24.223Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:49:24.230Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:52:44Z"
        }
    ]
}
2026-01-15T15:49:54.506Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:49:54.512Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:53:14Z"
        }
    ]
```

```
}
2026-01-15T15:50:24.793Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:50:24.799Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:53:44Z"
        }
    ]
}
2026-01-15T15:50:55.073Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:50:55.078Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:54:15Z"
        }
    ]
}
2026-01-15T15:51:25.354Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:51:25.358Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:54:45Z"
            }
        ]
}
2026-01-15T15:51:55.631Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:51:55.635Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:55:15Z"
            }
        ]
}
2026-01-15T15:52:25.915Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:52:25.921Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T15:55:45Z"
            }
        ]
}
2026-01-15T15:52:56.191Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T15:52:56.197Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:56:16Z"
        }
    ]
}
2026-01-15T15:53:26.470Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:53:26.476Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:56:46Z"
        }
    ]
}
2026-01-15T15:53:56.757Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:53:56.767Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:57:16Z"
```

```
        }
    ]
}
2026-01-15T15:54:27.042Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:54:27.048Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:57:47Z"
        }
    ]
}
2026-01-15T15:54:57.331Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:54:57.335Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:58:17Z"
        }
    ]
}
2026-01-15T15:55:27.607Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:55:27.611Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:58:47Z"
        }
    ]
}
2026-01-15T15:55:57.895Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:55:57.901Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:59:17Z"
        }
    ]
}
2026-01-15T15:56:28.184Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:56:28.190Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T15:59:48Z"
        }
    ]
}
2026-01-15T15:56:58.467Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:56:58.471Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:00:18Z"
        }
    ]
}
2026-01-15T15:57:28.752Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:57:28.759Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:00:48Z"
        }
    ]
}
2026-01-15T15:57:59.030Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T15:57:59.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-15T16:01:19Z"
            }
        ]
}
2026-01-15T15:58:29.315Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T15:58:29.319Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:01:49Z"
            }
    ]
}
2026-01-15T15:58:59.595Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T15:58:59.601Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:02:19Z"
            }
    ]
}
2026-01-15T15:59:29.885Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
```

```
}
2026-01-15T15:59:29.891Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:02:49Z"
        }
    ]
}
2026-01-15T16:00:00.171Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:00:00.178Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:03:20Z"
        }
    ]
}
2026-01-15T16:00:30.493Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:00:30.499Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:03:50Z"
        }
    ]
}
2026-01-15T16:01:00.778Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:01:00.783Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:04:20Z"
        }
    ]
}
2026-01-15T16:01:31.062Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:01:31.068Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:04:51Z"
        }
    ]
}
2026-01-15T16:02:01.349Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:02:01.355Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:05:21Z"
            }
        ]
}
2026-01-15T16:02:31.632Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:02:31.638Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:05:51Z"
        }
    ]
}
2026-01-15T16:03:01.907Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:03:01.913Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:06:21Z"
        }
    ]
}
2026-01-15T16:03:32.197Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T16:03:32.203Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:06:52Z"
        }
    ]
}
2026-01-15T16:04:02.490Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:04:02.494Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:07:22Z"
        }
    ]
}
2026-01-15T16:04:32.788Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:04:32.793Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:07:52Z"
        }
    ]
```

```
}
2026-01-15T16:05:03.073Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:05:03.079Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:08:23Z"
        }
    ]
}
2026-01-15T16:05:33.361Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:05:33.368Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:08:53Z"
        }
    ]
}
2026-01-15T16:06:03.645Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:06:03.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:09:23Z"
            }
        ]
}
2026-01-15T16:06:33.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:06:33.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:09:53Z"
            }
        ]
}
2026-01-15T16:07:04.216Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:07:04.220Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:10:24Z"
            }
        ]
}
2026-01-15T16:07:34.497Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:07:34.503Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:10:54Z"
        }
    ]
}
2026-01-15T16:08:04.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:08:04.792Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:11:24Z"
        }
    ]
}
2026-01-15T16:08:35.084Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:08:35.091Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:11:55Z"
```

```
        }
    ]
}
2026-01-15T16:09:05.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:09:05.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:12:25Z"
        }
    ]
}
2026-01-15T16:09:35.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:09:35.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:12:55Z"
        }
    ]
}
2026-01-15T16:10:05.957Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:10:05.961Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:13:25Z"
        }
    ]
}
2026-01-15T16:10:36.237Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:10:36.243Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:13:56Z"
        }
    ]
}
2026-01-15T16:10:59.111Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
            ],
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
```

```
            "measBandwidth": 10000000,
            "measFrequency": 3550000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3560000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3570000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3660000000,
            "measRcvdPower": -99
```

```
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-15T16:10:59.121Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T16:10:59.121Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T16:10:59.125Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T16:10:59.127Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T16:10:59.128Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
```

```
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-15T16:11:06.526Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:11:06.530Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:14:26Z"
        }
    ]
}
2026-01-15T16:11:36.802Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:11:36.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T16:14:56Z"
        }
    ]
}
2026-01-15T16:12:07.092Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:12:07.098Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:15:27Z"
        }
    ]
}
2026-01-15T16:12:37.371Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:12:37.378Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:15:57Z"
        }
    ]
}
2026-01-15T16:13:07.653Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T16:13:07.661Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:16:27Z"
        }
    ]
}
2026-01-15T16:13:37.936Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:13:37.941Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:16:57Z"
        }
    ]
}
2026-01-15T16:14:08.223Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:14:08.229Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:17:28Z"
        }
    ]
}
2026-01-15T16:14:38.507Z - INFO - heartbeat request from CBRS    : {
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```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:14:38.513Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:17:58Z"
        }
    ]
}
2026-01-15T16:15:08.789Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:15:08.796Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:18:28Z"
        }
    ]
}
2026-01-15T16:15:39.072Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:15:39.078Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:18:59Z"
            }
        ]
}
2026-01-15T16:16:09.352Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:16:09.358Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:19:29Z"
        }
    ]
}
2026-01-15T16:16:39.634Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:16:39.640Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:19:59Z"
        }
    ]
}
2026-01-15T16:17:09.910Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T16:17:09.914Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:20:29Z"
        }
    ]
}
2026-01-15T16:17:40.223Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:17:40.229Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:21:00Z"
        }
    ]
}
2026-01-15T16:18:10.505Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:18:10.510Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:21:30Z"
        }
    ]
```

```
}
2026-01-15T16:18:40.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:18:40.792Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:22:00Z"
        }
    ]
}
2026-01-15T16:19:11.065Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:19:11.069Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:22:31Z"
        }
    ]
}
2026-01-15T16:19:41.358Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:19:41.364Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:23:01Z"
        }
    ]
}
2026-01-15T16:20:11.642Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:20:11.648Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:23:31Z"
        }
    ]
}
2026-01-15T16:20:41.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:20:41.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:24:01Z"
        }
    ]
}
2026-01-15T16:21:12.213Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:21:12.219Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:24:32Z"
        }
    ]
}
2026-01-15T16:21:42.500Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:21:42.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:25:02Z"
        }
    ]
}
2026-01-15T16:22:12.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:22:12.790Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:25:32Z"
```

```
            }
        ]
}
2026-01-15T16:22:43.069Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:22:43.075Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:26:03Z"
            }
        ]
}
2026-01-15T16:23:13.348Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:23:13.354Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:26:33Z"
            }
        ]
}
2026-01-15T16:23:43.638Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:23:43.644Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:27:03Z"
        }
    ]
}
2026-01-15T16:24:13.927Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:24:13.931Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:27:33Z"
        }
    ]
}
2026-01-15T16:24:44.207Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:24:44.213Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:28:04Z"
        }
    ]
}
2026-01-15T16:25:14.483Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:25:14.489Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:28:34Z"
        }
    ]
}
2026-01-15T16:25:44.769Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:25:44.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:29:04Z"
        }
    ]
}
2026-01-15T16:26:15.049Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:26:15.055Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-15T16:29:35Z"
            }
        ]
}
2026-01-15T16:26:45.335Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:26:45.341Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:30:05Z"
        }
    ]
}
2026-01-15T16:27:15.617Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:27:15.621Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:30:35Z"
        }
    ]
}
2026-01-15T16:27:45.914Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T16:27:45.920Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T16:31:05Z"
            }
      ]
}
2026-01-15T16:28:16.200Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T16:28:16.204Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T16:31:36Z"
            }
      ]
}
2026-01-15T16:28:46.480Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T16:28:46.486Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T16:32:06Z"
            }
      ]
}
2026-01-15T16:29:16.767Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:29:16.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:32:36Z"
        }
    ]
}
2026-01-15T16:29:47.052Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:29:47.058Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:33:07Z"
        }
    ]
}
2026-01-15T16:30:17.334Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:30:17.339Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:33:37Z"
            }
        ]
}
2026-01-15T16:30:47.615Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:30:47.621Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:34:07Z"
        }
    ]
}
2026-01-15T16:31:17.898Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:31:17.904Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:34:37Z"
        }
    ]
}
2026-01-15T16:31:48.184Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T16:31:48.190Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:35:08Z"
        }
    ]
}
2026-01-15T16:32:18.466Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:32:18.471Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:35:38Z"
        }
    ]
}
2026-01-15T16:32:48.749Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:32:48.755Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:36:08Z"
        }
    ]
```

```
}
2026-01-15T16:33:19.033Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:33:19.039Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:36:39Z"
        }
    ]
}
2026-01-15T16:33:49.318Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:33:49.322Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:37:09Z"
        }
    ]
}
2026-01-15T16:34:19.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:34:19.607Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:37:39Z"
            }
        ]
}
2026-01-15T16:34:49.888Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:34:49.894Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:38:09Z"
            }
        ]
}
2026-01-15T16:35:20.180Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:35:20.187Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:38:40Z"
            }
        ]
}
2026-01-15T16:35:50.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:35:50.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:39:10Z"
        }
    ]
}
2026-01-15T16:36:20.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:36:20.753Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:39:40Z"
        }
    ]
}
2026-01-15T16:36:51.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:36:51.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:40:11Z"
```

```
        }
    ]
}
2026-01-15T16:37:21.321Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:37:21.326Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:40:41Z"
        }
    ]
}
2026-01-15T16:37:51.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:37:51.608Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:41:11Z"
        }
    ]
}
2026-01-15T16:38:21.887Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:38:21.892Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:41:41Z"
        }
    ]
}
2026-01-15T16:38:52.164Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:38:52.171Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:42:12Z"
        }
    ]
}
2026-01-15T16:39:22.457Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:39:22.463Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:42:42Z"
        }
    ]
}
2026-01-15T16:39:52.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:39:52.755Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:43:12Z"
        }
    ]
}
2026-01-15T16:40:23.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:40:23.035Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:43:43Z"
        }
    ]
}
2026-01-15T16:40:53.309Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:40:53.315Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T16:44:13Z"
        }
    ]
}
2026-01-15T16:41:23.604Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:41:23.608Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:44:43Z"
        }
    ]
}
2026-01-15T16:41:53.894Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:41:53.900Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:45:13Z"
        }
    ]
}
2026-01-15T16:42:24.180Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T16:42:24.186Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T16:45:44Z"
            }
      ]
}
2026-01-15T16:42:54.470Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T16:42:54.476Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T16:46:14Z"
            }
      ]
}
2026-01-15T16:43:24.749Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T16:43:24.756Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T16:46:44Z"
            }
      ]
}
2026-01-15T16:43:55.029Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:43:55.035Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:47:15Z"
        }
    ]
}
2026-01-15T16:44:25.325Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:44:25.331Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:47:45Z"
        }
    ]
}
2026-01-15T16:44:55.602Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:44:55.608Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:48:15Z"
            }
        ]
}
2026-01-15T16:45:25.885Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:45:25.891Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:48:45Z"
        }
    ]
}
2026-01-15T16:45:56.170Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:45:56.176Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:49:16Z"
        }
    ]
}
2026-01-15T16:46:26.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T16:46:26.469Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:49:46Z"
        }
    ]
}
2026-01-15T16:46:56.736Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:46:56.742Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:50:16Z"
        }
    ]
}
2026-01-15T16:47:27.026Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:47:27.032Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:50:47Z"
        }
    ]
```

```
}
2026-01-15T16:47:57.305Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:47:57.311Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:51:17Z"
        }
    ]
}
2026-01-15T16:48:27.584Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:48:27.589Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:51:47Z"
        }
    ]
}
2026-01-15T16:48:57.859Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:48:57.865Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:52:17Z"
            }
        ]
}
2026-01-15T16:49:28.138Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:49:28.144Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:52:48Z"
            }
        ]
}
2026-01-15T16:49:58.423Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:49:58.428Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T16:53:18Z"
            }
        ]
}
2026-01-15T16:50:28.707Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T16:50:28.713Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:53:48Z"
        }
    ]
}
2026-01-15T16:50:58.986Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:50:58.992Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:54:18Z"
        }
    ]
}
2026-01-15T16:51:29.269Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:51:29.275Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:54:49Z"
```

```
        }
    ]
}
2026-01-15T16:51:59.549Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:51:59.555Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:55:19Z"
        }
    ]
}
2026-01-15T16:52:29.834Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:52:29.838Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:55:49Z"
        }
    ]
}
2026-01-15T16:53:00.112Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:53:00.118Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:56:20Z"
        }
    ]
}
2026-01-15T16:53:30.417Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:53:30.423Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:56:50Z"
        }
    ]
}
2026-01-15T16:54:00.701Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:54:00.710Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:57:20Z"
        }
    ]
}
2026-01-15T16:54:30.982Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:54:30.987Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:57:50Z"
        }
    ]
}
2026-01-15T16:55:01.266Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:55:01.272Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:58:21Z"
        }
    ]
}
2026-01-15T16:55:31.543Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:55:31.549Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T16:58:51Z"
        }
    ]
}
2026-01-15T16:56:01.828Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:56:01.834Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:59:21Z"
        }
    ]
}
2026-01-15T16:56:32.102Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:56:32.108Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T16:59:52Z"
        }
    ]
}
2026-01-15T16:57:02.380Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T16:57:02.385Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:00:22Z"
        }
    ]
}
2026-01-15T16:57:32.668Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:57:32.674Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:00:52Z"
        }
    ]
}
2026-01-15T16:58:02.960Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:58:02.966Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:01:22Z"
        }
    ]
}
2026-01-15T16:58:33.240Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:58:33.246Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:01:53Z"
        }
    ]
}
2026-01-15T16:59:03.522Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:59:03.526Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:02:23Z"
        }
    ]
}
2026-01-15T16:59:33.805Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T16:59:33.811Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:02:53Z"
            }
        ]
}
2026-01-15T17:00:04.144Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:00:04.150Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:03:24Z"
        }
    ]
}
2026-01-15T17:00:34.428Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:00:34.434Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:03:54Z"
        }
    ]
}
2026-01-15T17:01:04.716Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T17:01:04.721Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:04:24Z"
        }
    ]
}
2026-01-15T17:01:34.999Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:01:35.005Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:04:55Z"
        }
    ]
}
2026-01-15T17:02:05.283Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:02:05.289Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:05:25Z"
        }
    ]
```

```
}
2026-01-15T17:02:35.572Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:02:35.578Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:05:55Z"
        }
    ]
}
2026-01-15T17:03:05.855Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:03:05.861Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:06:25Z"
        }
    ]
}
2026-01-15T17:03:36.141Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:03:36.147Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:06:56Z"
        }
    ]
}
2026-01-15T17:04:06.427Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:04:06.433Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:07:26Z"
        }
    ]
}
2026-01-15T17:04:36.716Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:04:36.720Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:07:56Z"
        }
    ]
}
2026-01-15T17:05:07.009Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:05:07.015Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:08:27Z"
            }
        ]
}
2026-01-15T17:05:37.296Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:05:37.302Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:08:57Z"
            }
        ]
}
2026-01-15T17:06:07.585Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:06:07.592Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:09:27Z"
```

```
        }
    ]
}
2026-01-15T17:06:37.875Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:06:37.881Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:09:57Z"
        }
    ]
}
2026-01-15T17:07:08.165Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:07:08.171Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:10:28Z"
        }
    ]
}
2026-01-15T17:07:38.447Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:07:38.453Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:10:58Z"
        }
    ]
}
2026-01-15T17:08:08.734Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:08:08.740Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:11:28Z"
        }
    ]
}
2026-01-15T17:08:39.017Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:08:39.025Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:11:59Z"
        }
    ]
}
2026-01-15T17:09:09.311Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:09:09.318Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:12:29Z"
        }
    ]
}
2026-01-15T17:09:39.594Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:09:39.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:12:59Z"
        }
    ]
}
2026-01-15T17:10:09.878Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:10:09.884Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T17:13:29Z"
        }
    ]
}
2026-01-15T17:10:40.174Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:10:40.178Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:14:00Z"
        }
    ]
}
2026-01-15T17:11:10.466Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:11:10.473Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:14:30Z"
        }
    ]
}
2026-01-15T17:11:40.757Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T17:11:40.766Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:15:00Z"
        }
    ]
}
2026-01-15T17:12:11.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:12:11.045Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:15:31Z"
        }
    ]
}
2026-01-15T17:12:41.338Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:12:41.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:16:01Z"
        }
    ]
}
2026-01-15T17:13:11.614Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:13:11.619Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:16:31Z"
        }
    ]
}
2026-01-15T17:13:41.903Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:13:41.908Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:17:01Z"
        }
    ]
}
2026-01-15T17:14:12.194Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:14:12.200Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:17:32Z"
            }
        ]
}
2026-01-15T17:14:42.470Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:14:42.476Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:18:02Z"
        }
    ]
}
2026-01-15T17:15:12.766Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:15:12.772Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:18:32Z"
        }
    ]
}
2026-01-15T17:15:43.062Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T17:15:43.069Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:19:03Z"
        }
    ]
}
2026-01-15T17:16:13.346Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:16:13.352Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:19:33Z"
        }
    ]
}
2026-01-15T17:16:43.628Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:16:43.634Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:20:03Z"
        }
    ]
```

```
}
2026-01-15T17:17:13.914Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:17:13.920Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:20:33Z"
        }
    ]
}
2026-01-15T17:17:44.201Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:17:44.207Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:21:04Z"
        }
    ]
}
2026-01-15T17:18:14.490Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:18:14.496Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:21:34Z"
            }
        ]
}
2026-01-15T17:18:44.779Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:18:44.785Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:22:04Z"
            }
        ]
}
2026-01-15T17:19:15.065Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:19:15.072Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:22:35Z"
            }
        ]
}
2026-01-15T17:19:45.349Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:19:45.358Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:23:05Z"
        }
    ]
}
2026-01-15T17:20:15.635Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:20:15.641Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:23:35Z"
        }
    ]
}
2026-01-15T17:20:45.923Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:20:45.928Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:24:05Z"
```

```
            }
        ]
}
2026-01-15T17:21:16.207Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:21:16.211Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:24:36Z"
        }
    ]
}
2026-01-15T17:21:46.490Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:21:46.494Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:25:06Z"
        }
    ]
}
2026-01-15T17:22:16.769Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:22:16.776Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:25:36Z"
        }
    ]
}
2026-01-15T17:22:47.055Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:22:47.062Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:26:07Z"
        }
    ]
}
2026-01-15T17:23:17.364Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:23:17.369Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:26:37Z"
        }
    ]
}
2026-01-15T17:23:47.648Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:23:47.654Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:27:07Z"
        }
    ]
}
2026-01-15T17:24:17.927Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:24:17.934Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:27:37Z"
        }
    ]
}
2026-01-15T17:24:48.220Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:24:48.226Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T17:28:08Z"
        }
    ]
}
2026-01-15T17:25:18.505Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:25:18.513Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:28:38Z"
        }
    ]
}
2026-01-15T17:25:48.793Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:25:48.799Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:29:08Z"
        }
    ]
}
2026-01-15T17:26:19.081Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T17:26:19.086Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:29:39Z"
        }
    ]
}
2026-01-15T17:26:49.368Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:26:49.375Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:30:09Z"
        }
    ]
}
2026-01-15T17:27:19.644Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:27:19.648Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:30:39Z"
        }
    ]
}
2026-01-15T17:27:49.927Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:27:49.933Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:31:09Z"
        }
    ]
}
2026-01-15T17:28:20.244Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:28:20.250Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:31:40Z"
        }
    ]
}
2026-01-15T17:28:50.526Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:28:50.532Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:32:10Z"
            }
        ]
}
2026-01-15T17:29:20.813Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:29:20.819Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:32:40Z"
        }
    ]
}
2026-01-15T17:29:51.096Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:29:51.102Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:33:11Z"
        }
    ]
}
2026-01-15T17:30:21.382Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T17:30:21.388Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:33:41Z"
        }
    ]
}
2026-01-15T17:30:51.664Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:30:51.671Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:34:11Z"
        }
    ]
}
2026-01-15T17:31:21.950Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:31:21.954Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:34:41Z"
        }
    ]
```

```
}
2026-01-15T17:31:52.233Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:31:52.239Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:35:12Z"
        }
    ]
}
2026-01-15T17:32:22.516Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:32:22.520Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:35:42Z"
        }
    ]
}
2026-01-15T17:32:52.803Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:32:52.811Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:36:12Z"
            }
        ]
}
2026-01-15T17:33:23.098Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:33:23.105Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:36:43Z"
            }
        ]
}
2026-01-15T17:33:53.391Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:33:53.395Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:37:13Z"
            }
        ]
}
2026-01-15T17:34:23.671Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:34:23.677Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:37:43Z"
        }
    ]
}
2026-01-15T17:34:53.957Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:34:53.963Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:38:13Z"
        }
    ]
}
2026-01-15T17:35:24.240Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:35:24.244Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:38:44Z"
```

```
            }
        ]
}
2026-01-15T17:35:54.522Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:35:54.526Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:39:14Z"
        }
    ]
}
2026-01-15T17:36:24.809Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:36:24.815Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:39:44Z"
        }
    ]
}
2026-01-15T17:36:55.096Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:36:55.101Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:40:15Z"
        }
    ]
}
2026-01-15T17:37:25.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:37:25.390Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:40:45Z"
        }
    ]
}
2026-01-15T17:37:55.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:37:55.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:41:15Z"
        }
    ]
}
2026-01-15T17:38:25.954Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:38:25.961Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:41:45Z"
        }
    ]
}
2026-01-15T17:38:56.247Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:38:56.253Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:42:16Z"
        }
    ]
}
2026-01-15T17:39:26.523Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:39:26.529Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T17:42:46Z"
        }
    ]
}
2026-01-15T17:39:56.805Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:39:56.812Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:43:16Z"
        }
    ]
}
2026-01-15T17:40:27.086Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:40:27.092Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:43:47Z"
        }
    ]
}
2026-01-15T17:40:57.365Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T17:40:57.371Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:44:17Z"
        }
    ]
}
2026-01-15T17:41:27.653Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:41:27.658Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:44:47Z"
        }
    ]
}
2026-01-15T17:41:57.941Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:41:57.947Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:45:17Z"
        }
    ]
}
2026-01-15T17:42:28.236Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:42:28.244Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:45:48Z"
        }
    ]
}
2026-01-15T17:42:58.520Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:42:58.526Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:46:18Z"
        }
    ]
}
2026-01-15T17:43:28.801Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:43:28.806Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T17:46:48Z"
            }
        ]
}
2026-01-15T17:43:59.092Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:43:59.096Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:47:19Z"
        }
    ]
}
2026-01-15T17:44:29.372Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:44:29.378Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:47:49Z"
        }
    ]
}
2026-01-15T17:44:59.664Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T17:44:59.670Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:48:19Z"
        }
    ]
}
2026-01-15T17:45:29.950Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:45:29.956Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:48:49Z"
        }
    ]
}
2026-01-15T17:46:00.273Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:46:00.279Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:49:20Z"
        }
    ]
```

```
}
2026-01-15T17:46:30.558Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:46:30.563Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:49:50Z"
        }
    ]
}
2026-01-15T17:47:00.838Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:47:00.842Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:50:20Z"
        }
    ]
}
2026-01-15T17:47:31.122Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:47:31.128Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:50:51Z"
        }
    ]
}
2026-01-15T17:48:01.411Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:48:01.417Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:51:21Z"
        }
    ]
}
2026-01-15T17:48:31.697Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:48:31.701Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:51:51Z"
        }
    ]
}
2026-01-15T17:49:01.973Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:49:01.979Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:52:21Z"
        }
    ]
}
2026-01-15T17:49:32.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:49:32.259Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:52:52Z"
        }
    ]
}
2026-01-15T17:50:02.543Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:50:02.551Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:53:22Z"
```

```
        }
    ]
}
2026-01-15T17:50:32.829Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:50:32.838Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:53:52Z"
        }
    ]
}
2026-01-15T17:51:03.114Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:51:03.119Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:54:23Z"
        }
    ]
}
2026-01-15T17:51:33.387Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:51:33.392Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:54:53Z"
        }
    ]
}
2026-01-15T17:52:03.667Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:52:03.673Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:55:23Z"
        }
    ]
}
2026-01-15T17:52:33.953Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:52:33.957Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:55:53Z"
        }
    ]
}
2026-01-15T17:53:04.240Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T17:53:04.246Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:56:24Z"
        }
    ]
}
2026-01-15T17:53:34.519Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:53:34.526Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:56:54Z"
        }
    ]
}
2026-01-15T17:54:04.798Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:54:04.802Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T17:57:24Z"
        }
    ]
}
2026-01-15T17:54:35.088Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:54:35.095Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:57:55Z"
        }
    ]
}
2026-01-15T17:55:05.368Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:55:05.372Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T17:58:25Z"
        }
    ]
}
2026-01-15T17:55:35.647Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T17:55:35.653Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T17:58:55Z"
            }
      ]
}
2026-01-15T17:56:05.927Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T17:56:05.933Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T17:59:25Z"
            }
      ]
}
2026-01-15T17:56:36.210Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T17:56:36.214Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T17:59:56Z"
            }
      ]
}
2026-01-15T17:57:06.497Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:57:06.503Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:00:26Z"
        }
    ]
}
2026-01-15T17:57:36.785Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:57:36.790Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:00:56Z"
        }
    ]
}
2026-01-15T17:58:07.073Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:58:07.079Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:01:27Z"
            }
        ]
}
2026-01-15T17:58:37.358Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:58:37.365Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:01:57Z"
        }
    ]
}
2026-01-15T17:59:07.648Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T17:59:07.654Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:02:27Z"
        }
    ]
}
2026-01-15T17:59:37.930Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T17:59:37.936Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:02:57Z"
        }
    ]
}
2026-01-15T18:00:08.250Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:00:08.256Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:03:28Z"
        }
    ]
}
2026-01-15T18:00:38.553Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:00:38.559Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:03:58Z"
        }
    ]
```

```
}
2026-01-15T18:01:08.838Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:01:08.842Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:04:28Z"
        }
    ]
}
2026-01-15T18:01:39.121Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:01:39.128Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:04:59Z"
        }
    ]
}
2026-01-15T18:02:09.407Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:02:09.413Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:05:29Z"
            }
        ]
}
2026-01-15T18:02:39.690Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:02:39.697Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:05:59Z"
            }
        ]
}
2026-01-15T18:03:09.984Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:03:09.990Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:06:29Z"
            }
        ]
}
2026-01-15T18:03:40.305Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:03:40.311Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:07:00Z"
        }
    ]
}
2026-01-15T18:04:10.578Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:04:10.584Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:07:30Z"
        }
    ]
}
2026-01-15T18:04:40.862Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:04:40.868Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:08:00Z"
```

```
            }
        ]
}
2026-01-15T18:05:11.148Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:05:11.154Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:08:31Z"
        }
    ]
}
2026-01-15T18:05:41.431Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:05:41.437Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:09:01Z"
        }
    ]
}
2026-01-15T18:06:11.717Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:06:11.723Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:09:31Z"
        }
    ]
}
2026-01-15T18:06:42.009Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:06:42.013Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:10:02Z"
        }
    ]
}
2026-01-15T18:07:12.293Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:07:12.299Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:10:32Z"
        }
    ]
}
2026-01-15T18:07:42.579Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:07:42.588Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:11:02Z"
        }
    ]
}
2026-01-15T18:08:12.868Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:08:12.874Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:11:32Z"
        }
    ]
}
2026-01-15T18:08:43.161Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:08:43.167Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T18:12:03Z"
        }
    ]
}
2026-01-15T18:09:13.447Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:09:13.453Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:12:33Z"
        }
    ]
}
2026-01-15T18:09:43.737Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:09:43.743Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:13:03Z"
        }
    ]
}
2026-01-15T18:10:14.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T18:10:14.022Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:13:34Z"
        }
    ]
}
2026-01-15T18:10:44.296Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:10:44.302Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:14:04Z"
        }
    ]
}
2026-01-15T18:10:59.293Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
            ],
            "measReport": {
```

```
"rcvdPowerMeasReports": [
    {
        "measBandwidth": 10000000,
        "measFrequency": 3550000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3560000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3570000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3580000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3590000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3600000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3610000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3620000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3630000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3640000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
        "measFrequency": 3650000000,
        "measRcvdPower": -99
    },
    {
        "measBandwidth": 10000000,
```

```
                        "measFrequency": 3660000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3670000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3680000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
2026-01-15T18:10:59.302Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T18:10:59.302Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T18:10:59.306Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T18:10:59.308Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T18:10:59.309Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
```

```
                        },
                        "maxEirp": 20,
                        "ruleApplied": "FCC_PART_96"
                    },
                    {
                        "channelType": "GAA",
                        "frequencyRange": {
                            "highFrequency": 3670000000,
                            "lowFrequency": 3660000000
                        },
                        "maxEirp": 20,
                        "ruleApplied": "FCC_PART_96"
                    }
                ],
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "response": {
                    "responseCode": 0
                }
            }
        ]
}
2026-01-15T18:11:14.592Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:11:14.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:14:34Z"
        }
    ]
}
2026-01-15T18:11:44.880Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:11:44.885Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:15:04Z"
            }
        ]
}
2026-01-15T18:12:15.160Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:12:15.164Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:15:35Z"
        }
    ]
}
2026-01-15T18:12:45.434Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:12:45.438Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:16:05Z"
        }
    ]
}
2026-01-15T18:13:15.726Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T18:13:15.732Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:16:35Z"
            }
    ]
}
2026-01-15T18:13:46.009Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T18:13:46.013Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:17:06Z"
            }
    ]
}
2026-01-15T18:14:16.299Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T18:14:16.305Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:17:36Z"
            }
    ]
```

```
}
2026-01-15T18:14:46.588Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:14:46.595Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:18:06Z"
        }
    ]
}
2026-01-15T18:15:16.878Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:15:16.884Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:18:36Z"
        }
    ]
}
2026-01-15T18:15:47.164Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:15:47.171Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:19:07Z"
            }
        ]
}
2026-01-15T18:16:17.450Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:16:17.457Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:19:37Z"
            }
        ]
}
2026-01-15T18:16:47.739Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:16:47.743Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:20:07Z"
            }
        ]
}
2026-01-15T18:17:18.023Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:17:18.029Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:20:38Z"
        }
    ]
}
2026-01-15T18:17:48.303Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:17:48.309Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:21:08Z"
        }
    ]
}
2026-01-15T18:18:18.592Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:18:18.596Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:21:38Z"
```

```
            }
        ]
}
2026-01-15T18:18:48.885Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:18:48.891Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:22:08Z"
        }
    ]
}
2026-01-15T18:19:19.183Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:19:19.188Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:22:39Z"
        }
    ]
}
2026-01-15T18:19:49.460Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:19:49.467Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:23:09Z"
        }
    ]
}
2026-01-15T18:20:19.742Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:20:19.749Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:23:39Z"
        }
    ]
}
2026-01-15T18:20:50.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:20:50.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:24:10Z"
        }
    ]
}
2026-01-15T18:21:20.355Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:21:20.361Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:24:40Z"
        }
    ]
}
2026-01-15T18:21:50.634Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:21:50.641Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:25:10Z"
        }
    ]
}
2026-01-15T18:22:20.920Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:22:20.927Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T18:25:40Z"
        }
    ]
}
2026-01-15T18:22:51.203Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:22:51.209Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:26:11Z"
        }
    ]
}
2026-01-15T18:23:21.484Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:23:21.490Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:26:41Z"
        }
    ]
}
2026-01-15T18:23:51.767Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T18:23:51.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:27:11Z"
        }
    ]
}
2026-01-15T18:24:22.062Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:24:22.066Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:27:42Z"
        }
    ]
}
2026-01-15T18:24:52.346Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:24:52.351Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:28:12Z"
        }
    ]
}
2026-01-15T18:25:22.648Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:25:22.654Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:28:42Z"
        }
    ]
}
2026-01-15T18:25:52.931Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:25:52.937Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:29:12Z"
        }
    ]
}
2026-01-15T18:26:23.210Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:26:23.217Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:29:43Z"
            }
        ]
}
2026-01-15T18:26:53.490Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:26:53.494Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:30:13Z"
        }
    ]
}
2026-01-15T18:27:23.776Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:27:23.782Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:30:43Z"
        }
    ]
}
2026-01-15T18:27:54.061Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T18:27:54.066Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:31:14Z"
        }
    ]
}
2026-01-15T18:28:24.339Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:28:24.345Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:31:44Z"
        }
    ]
}
2026-01-15T18:28:54.615Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:28:54.619Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:32:14Z"
        }
    ]
```

```
}
2026-01-15T18:29:24.897Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:29:24.903Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:32:44Z"
        }
    ]
}
2026-01-15T18:29:55.181Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:29:55.187Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:33:15Z"
        }
    ]
}
2026-01-15T18:30:25.470Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:30:25.474Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:33:45Z"
            }
        ]
}
2026-01-15T18:30:55.746Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:30:55.756Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:34:15Z"
            }
        ]
}
2026-01-15T18:31:26.036Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:31:26.042Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:34:46Z"
            }
        ]
}
2026-01-15T18:31:56.319Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:31:56.325Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:35:16Z"
        }
    ]
}
2026-01-15T18:32:26.608Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:32:26.615Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:35:46Z"
        }
    ]
}
2026-01-15T18:32:56.888Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:32:56.894Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:36:16Z"
```

```
        }
    ]
}
2026-01-15T18:33:27.178Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:33:27.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:36:47Z"
        }
    ]
}
2026-01-15T18:33:57.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:33:57.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:37:17Z"
        }
    ]
}
2026-01-15T18:34:27.743Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:34:27.749Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:37:47Z"
        }
    ]
}
2026-01-15T18:34:58.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:34:58.035Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:38:18Z"
        }
    ]
}
2026-01-15T18:35:28.312Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:35:28.319Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:38:48Z"
        }
    ]
}
2026-01-15T18:35:58.599Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:35:58.605Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:39:18Z"
        }
    ]
}
2026-01-15T18:36:28.884Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:36:28.890Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:39:48Z"
        }
    ]
}
2026-01-15T18:36:59.168Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:36:59.174Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T18:40:19Z"
        }
    ]
}
2026-01-15T18:37:29.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:37:29.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:40:49Z"
        }
    ]
}
2026-01-15T18:37:59.753Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:37:59.759Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:41:19Z"
        }
    ]
}
2026-01-15T18:38:30.042Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T18:38:30.048Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:41:50Z"
        }
    ]
}
2026-01-15T18:39:00.355Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:39:00.359Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:42:20Z"
        }
    ]
}
2026-01-15T18:39:30.637Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:39:30.642Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:42:50Z"
        }
    ]
}
2026-01-15T18:40:00.920Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:40:00.926Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:43:20Z"
        }
    ]
}
2026-01-15T18:40:31.207Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:40:31.213Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:43:51Z"
        }
    ]
}
2026-01-15T18:41:01.496Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:41:01.505Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:44:21Z"
            }
        ]
}
2026-01-15T18:41:31.782Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:41:31.789Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:44:51Z"
        }
    ]
}
2026-01-15T18:42:02.063Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:42:02.069Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:45:22Z"
        }
    ]
}
2026-01-15T18:42:32.338Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T18:42:32.345Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:45:52Z"
        }
    ]
}
2026-01-15T18:43:02.625Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:43:02.631Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:46:22Z"
        }
    ]
}
2026-01-15T18:43:32.904Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:43:32.911Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:46:52Z"
        }
    ]
```

```
}
2026-01-15T18:44:03.190Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:44:03.197Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:47:23Z"
        }
    ]
}
2026-01-15T18:44:33.473Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:44:33.479Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:47:53Z"
        }
    ]
}
2026-01-15T18:45:03.753Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:45:03.759Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:48:23Z"
            }
        ]
}
2026-01-15T18:45:34.043Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:45:34.049Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:48:54Z"
            }
        ]
}
2026-01-15T18:46:04.328Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:46:04.335Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:49:24Z"
            }
        ]
}
2026-01-15T18:46:34.608Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:46:34.614Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:49:54Z"
        }
    ]
}
2026-01-15T18:47:04.898Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:47:04.904Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:50:24Z"
        }
    ]
}
2026-01-15T18:47:35.180Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:47:35.187Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:50:55Z"
```

```
        }
    ]
}
2026-01-15T18:48:05.464Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:48:05.470Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:51:25Z"
        }
    ]
}
2026-01-15T18:48:35.746Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:48:35.752Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:51:55Z"
        }
    ]
}
2026-01-15T18:49:06.023Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:49:06.029Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:52:26Z"
        }
    ]
}
2026-01-15T18:49:36.308Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:49:36.312Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:52:56Z"
        }
    ]
}
2026-01-15T18:50:06.589Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:50:06.595Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:53:26Z"
        }
    ]
}
2026-01-15T18:50:36.869Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T18:50:36.878Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:53:56Z"
        }
    ]
}
2026-01-15T18:51:07.151Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:51:07.157Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:54:27Z"
        }
    ]
}
2026-01-15T18:51:37.436Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:51:37.440Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T18:54:57Z"
        }
    ]
}
2026-01-15T18:52:07.733Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:52:07.740Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:55:27Z"
        }
    ]
}
2026-01-15T18:52:38.010Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:52:38.016Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:55:58Z"
        }
    ]
}
2026-01-15T18:53:08.306Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T18:53:08.312Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:56:28Z"
        }
    ]
}
2026-01-15T18:53:38.585Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:53:38.592Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:56:58Z"
        }
    ]
}
2026-01-15T18:54:08.878Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:54:08.884Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:57:28Z"
        }
    ]
}
2026-01-15T18:54:39.158Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:54:39.167Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:57:59Z"
        }
    ]
}
2026-01-15T18:55:09.447Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:55:09.453Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:58:29Z"
        }
    ]
}
2026-01-15T18:55:39.746Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:55:39.752Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T18:58:59Z"
            }
        ]
}
2026-01-15T18:56:10.032Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:56:10.038Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T18:59:30Z"
        }
    ]
}
2026-01-15T18:56:40.345Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:56:40.351Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:00:00Z"
        }
    ]
}
2026-01-15T18:57:10.621Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T18:57:10.628Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:00:30Z"
        }
    ]
}
2026-01-15T18:57:40.904Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:57:40.910Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:01:00Z"
        }
    ]
}
2026-01-15T18:58:11.188Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:58:11.194Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:01:31Z"
        }
    ]
```

```
}
2026-01-15T18:58:41.483Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:58:41.490Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:02:01Z"
        }
    ]
}
2026-01-15T18:59:11.766Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:59:11.772Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:02:31Z"
        }
    ]
}
2026-01-15T18:59:42.046Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T18:59:42.051Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:03:02Z"
        }
    ]
}
2026-01-15T19:00:12.365Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:00:12.369Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:03:32Z"
        }
    ]
}
2026-01-15T19:00:42.647Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:00:42.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:04:02Z"
        }
    ]
}
2026-01-15T19:01:12.928Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:01:12.934Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:04:32Z"
        }
    ]
}
2026-01-15T19:01:43.213Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:01:43.219Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:05:03Z"
        }
    ]
}
2026-01-15T19:02:13.493Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:02:13.499Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:05:33Z"
```

```
        }
    ]
}
2026-01-15T19:02:43.776Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:02:43.782Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:06:03Z"
        }
    ]
}
2026-01-15T19:03:14.059Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:03:14.065Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:06:34Z"
        }
    ]
}
2026-01-15T19:03:44.342Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:03:44.348Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:07:04Z"
        }
    ]
}
2026-01-15T19:04:14.625Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:04:14.631Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:07:34Z"
        }
    ]
}
2026-01-15T19:04:44.908Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:04:44.915Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:08:04Z"
        }
    ]
}
2026-01-15T19:05:15.198Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:05:15.204Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:08:35Z"
        }
    ]
}
2026-01-15T19:05:45.486Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:05:45.490Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:09:05Z"
        }
    ]
}
2026-01-15T19:06:15.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:06:15.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T19:09:35Z"
        }
    ]
}
2026-01-15T19:06:46.043Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:06:46.051Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:10:06Z"
        }
    ]
}
2026-01-15T19:07:16.338Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:07:16.344Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:10:36Z"
        }
    ]
}
2026-01-15T19:07:46.628Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T19:07:46.634Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T19:11:06Z"
            }
      ]
}
2026-01-15T19:08:16.910Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T19:08:16.914Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T19:11:36Z"
            }
      ]
}
2026-01-15T19:08:47.197Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T19:08:47.206Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T19:12:07Z"
            }
      ]
}
2026-01-15T19:09:17.489Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:09:17.496Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:12:37Z"
        }
    ]
}
2026-01-15T19:09:47.776Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:09:47.782Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:13:07Z"
        }
    ]
}
2026-01-15T19:10:18.053Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:10:18.059Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:13:38Z"
            }
        ]
}
2026-01-15T19:10:48.341Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:10:48.348Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:14:08Z"
        }
    ]
}
2026-01-15T19:11:18.621Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:11:18.625Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:14:38Z"
        }
    ]
}
2026-01-15T19:11:48.907Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T19:11:48.914Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:15:08Z"
            }
    ]
}
2026-01-15T19:12:19.187Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T19:12:19.196Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:15:39Z"
            }
    ]
}
2026-01-15T19:12:49.477Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T19:12:49.483Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:16:09Z"
            }
    ]
```

```
}
2026-01-15T19:13:19.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:13:19.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:16:39Z"
        }
    ]
}
2026-01-15T19:13:50.045Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:13:50.049Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:17:10Z"
        }
    ]
}
2026-01-15T19:14:20.335Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:14:20.341Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:17:40Z"
            }
        ]
}
2026-01-15T19:14:50.621Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:14:50.627Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:18:10Z"
            }
        ]
}
2026-01-15T19:15:20.914Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:15:20.921Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:18:40Z"
            }
        ]
}
2026-01-15T19:15:51.210Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:15:51.214Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:19:11Z"
        }
    ]
}
2026-01-15T19:16:21.489Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:16:21.493Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:19:41Z"
        }
    ]
}
2026-01-15T19:16:51.769Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:16:51.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:20:11Z"
```

```
        }
    ]
}
2026-01-15T19:17:22.059Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:17:22.065Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:20:42Z"
        }
    ]
}
2026-01-15T19:17:52.344Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:17:52.351Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:21:12Z"
        }
    ]
}
2026-01-15T19:18:22.621Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:18:22.628Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:21:42Z"
        }
    ]
}
2026-01-15T19:18:52.908Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:18:52.914Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:22:12Z"
        }
    ]
}
2026-01-15T19:19:23.190Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:19:23.196Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:22:43Z"
        }
    ]
}
2026-01-15T19:19:53.477Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:19:53.483Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:23:13Z"
        }
    ]
}
2026-01-15T19:20:23.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:20:23.767Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:23:43Z"
        }
    ]
}
2026-01-15T19:20:54.040Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:20:54.046Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T19:24:14Z"
        }
    ]
}
2026-01-15T19:21:24.334Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:21:24.339Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:24:44Z"
        }
    ]
}
2026-01-15T19:21:54.622Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:21:54.628Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:25:14Z"
        }
    ]
}
2026-01-15T19:22:24.905Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T19:22:24.911Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:25:44Z"
        }
    ]
}
2026-01-15T19:22:55.190Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:22:55.196Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:26:15Z"
        }
    ]
}
2026-01-15T19:23:25.476Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:23:25.483Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:26:45Z"
        }
    ]
}
2026-01-15T19:23:55.763Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:23:55.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:27:15Z"
        }
    ]
}
2026-01-15T19:24:26.049Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:24:26.056Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:27:46Z"
        }
    ]
}
2026-01-15T19:24:56.336Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:24:56.346Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:28:16Z"
            }
        ]
}
2026-01-15T19:25:26.624Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:25:26.630Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:28:46Z"
            }
        ]
}
2026-01-15T19:25:56.911Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:25:56.917Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:29:16Z"
            }
        ]
}
2026-01-15T19:26:27.190Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T19:26:27.194Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:29:47Z"
        }
    ]
}
2026-01-15T19:26:57.477Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:26:57.483Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:30:17Z"
        }
    ]
}
2026-01-15T19:27:27.760Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:27:27.766Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:30:47Z"
        }
    ]
```

```
}
2026-01-15T19:27:58.038Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:27:58.042Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:31:18Z"
        }
    ]
}
2026-01-15T19:28:28.325Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:28:28.331Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:31:48Z"
        }
    ]
}
2026-01-15T19:28:58.615Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:28:58.621Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:32:18Z"
            }
        ]
}
2026-01-15T19:29:28.898Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:29:28.904Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:32:48Z"
            }
        ]
}
2026-01-15T19:29:59.177Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:29:59.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:33:19Z"
            }
        ]
}
2026-01-15T19:30:29.453Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:30:29.459Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:33:49Z"
        }
    ]
}
2026-01-15T19:30:59.734Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:30:59.740Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:34:19Z"
        }
    ]
}
2026-01-15T19:31:30.019Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:31:30.025Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:34:50Z"
```

```
            }
        ]
}
2026-01-15T19:32:00.322Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:32:00.328Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:35:20Z"
        }
    ]
}
2026-01-15T19:32:30.607Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:32:30.612Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:35:50Z"
        }
    ]
}
2026-01-15T19:33:00.892Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:33:00.898Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:36:20Z"
        }
    ]
}
2026-01-15T19:33:31.180Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:33:31.186Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:36:51Z"
        }
    ]
}
2026-01-15T19:34:01.459Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:34:01.463Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:37:21Z"
        }
    ]
}
2026-01-15T19:34:31.732Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:34:31.736Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:37:51Z"
        }
    ]
}
2026-01-15T19:35:02.006Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:35:02.012Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:38:22Z"
        }
    ]
}
2026-01-15T19:35:32.279Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:35:32.286Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T19:38:52Z"
        }
    ]
}
2026-01-15T19:36:02.559Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:36:02.563Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:39:22Z"
        }
    ]
}
2026-01-15T19:36:32.858Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:36:32.864Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:39:52Z"
        }
    ]
}
2026-01-15T19:37:03.141Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T19:37:03.148Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:40:23Z"
        }
    ]
}
2026-01-15T19:37:33.418Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:37:33.424Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:40:53Z"
        }
    ]
}
2026-01-15T19:38:03.700Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:38:03.706Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:41:23Z"
        }
    ]
}
2026-01-15T19:38:33.977Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:38:33.983Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:41:53Z"
        }
    ]
}
2026-01-15T19:39:04.250Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:39:04.256Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:42:24Z"
        }
    ]
}
2026-01-15T19:39:34.536Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:39:34.542Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:42:54Z"
            }
        ]
}
2026-01-15T19:40:04.818Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:40:04.822Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:43:24Z"
        }
    ]
}
2026-01-15T19:40:35.098Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:40:35.102Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:43:55Z"
        }
    ]
}
2026-01-15T19:41:05.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T19:41:05.391Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:44:25Z"
        }
    ]
}
2026-01-15T19:41:35.667Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:41:35.674Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:44:55Z"
        }
    ]
}
2026-01-15T19:42:05.957Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:42:05.963Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:45:25Z"
        }
    ]
```

```
}
2026-01-15T19:42:36.240Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:42:36.246Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:45:56Z"
        }
    ]
}
2026-01-15T19:43:06.523Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:43:06.528Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:46:26Z"
        }
    ]
}
2026-01-15T19:43:36.805Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:43:36.811Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:46:56Z"
            }
        ]
}
2026-01-15T19:44:07.098Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:44:07.105Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:47:27Z"
            }
        ]
}
2026-01-15T19:44:37.388Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:44:37.392Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:47:57Z"
            }
        ]
}
2026-01-15T19:45:07.744Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:45:07.750Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:48:27Z"
        }
    ]
}
2026-01-15T19:45:38.032Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:45:38.038Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:48:58Z"
        }
    ]
}
2026-01-15T19:46:08.315Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:46:08.321Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:49:28Z"
```

```
            }
        ]
}
2026-01-15T19:46:38.599Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:46:38.605Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:49:58Z"
            }
        ]
}
2026-01-15T19:47:08.875Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:47:08.881Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:50:28Z"
            }
        ]
}
2026-01-15T19:47:39.164Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:47:39.171Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:50:59Z"
        }
    ]
}
2026-01-15T19:48:09.450Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:48:09.456Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:51:29Z"
        }
    ]
}
2026-01-15T19:48:39.733Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:48:39.739Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:51:59Z"
        }
    ]
}
2026-01-15T19:49:10.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:49:10.023Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:52:30Z"
        }
    ]
}
2026-01-15T19:49:40.306Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:49:40.312Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:53:00Z"
        }
    ]
}
2026-01-15T19:50:10.592Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:50:10.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T19:53:30Z"
        }
    ]
}
2026-01-15T19:50:40.875Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:50:40.881Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:54:00Z"
        }
    ]
}
2026-01-15T19:51:11.163Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:51:11.168Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:54:31Z"
        }
    ]
}
2026-01-15T19:51:41.471Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T19:51:41.477Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:55:01Z"
        }
    ]
}
2026-01-15T19:52:11.755Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:52:11.763Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:55:31Z"
        }
    ]
}
2026-01-15T19:52:42.042Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:52:42.049Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:56:02Z"
        }
    ]
}
2026-01-15T19:53:12.318Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:53:12.323Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:56:32Z"
        }
    ]
}
2026-01-15T19:53:42.599Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:53:42.605Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:57:02Z"
        }
    ]
}
2026-01-15T19:54:12.888Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:54:12.894Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

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                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:57:32Z"
            }
        ]
}
2026-01-15T19:54:43.174Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:54:43.180Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:58:03Z"
        }
    ]
}
2026-01-15T19:55:13.460Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:55:13.467Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T19:58:33Z"
        }
    ]
}
2026-01-15T19:55:43.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T19:55:43.757Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:59:03Z"
            }
    ]
}
2026-01-15T19:56:14.038Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T19:56:14.042Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T19:59:34Z"
            }
    ]
}
2026-01-15T19:56:44.322Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T19:56:44.328Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:00:04Z"
            }
    ]
```

```
}
2026-01-15T19:57:14.604Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:57:14.609Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:00:34Z"
        }
    ]
}
2026-01-15T19:57:44.885Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:57:44.892Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:01:04Z"
        }
    ]
}
2026-01-15T19:58:15.177Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T19:58:15.183Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:01:35Z"
            }
        ]
}
2026-01-15T19:58:45.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:58:45.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:02:05Z"
            }
        ]
}
2026-01-15T19:59:15.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:59:15.756Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:02:35Z"
            }
        ]
}
2026-01-15T19:59:46.023Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T19:59:46.029Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:03:06Z"
        }
    ]
}
2026-01-15T20:00:16.338Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:00:16.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:03:36Z"
        }
    ]
}
2026-01-15T20:00:46.621Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:00:46.627Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:04:06Z"
```

```
        }
    ]
}
2026-01-15T20:01:16.904Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:01:16.911Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:04:36Z"
        }
    ]
}
2026-01-15T20:01:47.194Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:01:47.200Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:05:07Z"
        }
    ]
}
2026-01-15T20:02:17.477Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:02:17.484Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:05:37Z"
        }
    ]
}
2026-01-15T20:02:47.779Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:02:47.783Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:06:07Z"
        }
    ]
}
2026-01-15T20:03:18.068Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:03:18.072Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:06:38Z"
        }
    ]
}
2026-01-15T20:03:48.349Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:03:48.355Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:07:08Z"
        }
    ]
}
2026-01-15T20:04:18.625Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:04:18.631Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:07:38Z"
        }
    ]
}
2026-01-15T20:04:48.926Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:04:48.934Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T20:08:08Z"
        }
    ]
}
2026-01-15T20:05:19.219Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:05:19.223Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:08:39Z"
        }
    ]
}
2026-01-15T20:05:49.506Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:05:49.510Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:09:09Z"
        }
    ]
}
2026-01-15T20:06:19.793Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T20:06:19.799Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T20:09:39Z"
            }
      ]
}
2026-01-15T20:06:50.098Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T20:06:50.102Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T20:10:10Z"
            }
      ]
}
2026-01-15T20:07:20.381Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T20:07:20.388Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T20:10:40Z"
            }
      ]
}
2026-01-15T20:07:50.664Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:07:50.670Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:11:10Z"
        }
    ]
}
2026-01-15T20:08:20.953Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:08:20.960Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:11:40Z"
        }
    ]
}
2026-01-15T20:08:51.239Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:08:51.243Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:12:11Z"
            }
        ]
}
2026-01-15T20:09:21.525Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:09:21.530Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:12:41Z"
        }
    ]
}
2026-01-15T20:09:51.822Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:09:51.828Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:13:11Z"
        }
    ]
}
2026-01-15T20:10:22.115Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T20:10:22.121Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:13:42Z"
        }
    ]
}
2026-01-15T20:10:52.398Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:10:52.404Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:14:12Z"
        }
    ]
}
2026-01-15T20:10:59.476Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
```

```
    ],
    "measReport": {
        "rcvdPowerMeasReports": [
            {
                "measBandwidth": 10000000,
                "measFrequency": 3550000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3560000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3570000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3580000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3590000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3600000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3610000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3620000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3630000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3640000000,
                "measRcvdPower": -99
            },
            {
                "measBandwidth": 10000000,
                "measFrequency": 3650000000,
                "measRcvdPower": -99
            },
```

```
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3660000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3670000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3680000000,
                            "measRcvdPower": -99
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
2026-01-15T20:10:59.486Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T20:10:59.486Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T20:10:59.490Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T20:10:59.490Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T20:10:59.496Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
```

```
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-15T20:11:22.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:11:22.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:14:42Z"
        }
    ]
}
2026-01-15T20:11:52.960Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:11:52.964Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:15:12Z"
            }
        ]
}
2026-01-15T20:12:23.240Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:12:23.247Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:15:43Z"
            }
        ]
}
2026-01-15T20:12:53.536Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:12:53.542Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:16:13Z"
            }
        ]
}
2026-01-15T20:13:23.822Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:13:23.828Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:16:43Z"
        }
    ]
}
2026-01-15T20:13:54.109Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:13:54.115Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:17:14Z"
        }
    ]
}
2026-01-15T20:14:24.391Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:14:24.397Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:17:44Z"
```

```
        }
    ]
}
2026-01-15T20:14:54.671Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:14:54.677Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:18:14Z"
        }
    ]
}
2026-01-15T20:15:24.951Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:15:24.957Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:18:44Z"
        }
    ]
}
2026-01-15T20:15:55.236Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:15:55.243Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:19:15Z"
        }
    ]
}
2026-01-15T20:16:25.516Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:16:25.522Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:19:45Z"
        }
    ]
}
2026-01-15T20:16:55.805Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:16:55.812Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:20:15Z"
        }
    ]
}
2026-01-15T20:17:26.094Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:17:26.098Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:20:46Z"
        }
    ]
}
2026-01-15T20:17:56.365Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:17:56.371Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:21:16Z"
        }
    ]
}
2026-01-15T20:18:26.648Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:18:26.653Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T20:21:46Z"
        }
    ]
}
2026-01-15T20:18:56.930Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:18:56.940Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:22:16Z"
        }
    ]
}
2026-01-15T20:19:27.217Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:19:27.223Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:22:47Z"
        }
    ]
}
2026-01-15T20:19:57.500Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T20:19:57.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:23:17Z"
        }
    ]
}
2026-01-15T20:20:27.790Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:20:27.802Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:23:47Z"
        }
    ]
}
2026-01-15T20:20:58.079Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:20:58.086Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:24:18Z"
        }
    ]
}
2026-01-15T20:21:28.357Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:21:28.362Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:24:48Z"
        }
    ]
}
2026-01-15T20:21:58.645Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:21:58.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:25:18Z"
        }
    ]
}
2026-01-15T20:22:28.927Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:22:28.933Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:25:48Z"
            }
        ]
}
2026-01-15T20:22:59.213Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:22:59.217Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:26:19Z"
        }
    ]
}
2026-01-15T20:23:29.499Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:23:29.503Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:26:49Z"
        }
    ]
}
2026-01-15T20:23:59.776Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T20:23:59.780Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:27:19Z"
        }
    ]
}
2026-01-15T20:24:30.092Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:24:30.098Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:27:50Z"
        }
    ]
}
2026-01-15T20:25:00.381Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:25:00.388Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:28:20Z"
        }
    ]
```

```
}
2026-01-15T20:25:30.663Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:25:30.670Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:28:50Z"
        }
    ]
}
2026-01-15T20:26:00.951Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:26:00.957Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:29:20Z"
        }
    ]
}
2026-01-15T20:26:31.236Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:26:31.242Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:29:51Z"
        }
    ]
}
2026-01-15T20:27:01.520Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:27:01.526Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:30:21Z"
        }
    ]
}
2026-01-15T20:27:31.801Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:27:31.806Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:30:51Z"
        }
    ]
}
2026-01-15T20:28:02.082Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:28:02.088Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:31:22Z"
        }
    ]
}
2026-01-15T20:28:32.368Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:28:32.374Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:31:52Z"
        }
    ]
}
2026-01-15T20:29:02.654Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:29:02.658Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:32:22Z"
```

```
            }
        ]
}
2026-01-15T20:29:32.937Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:29:32.943Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:32:52Z"
        }
    ]
}
2026-01-15T20:30:03.279Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:30:03.285Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:33:23Z"
        }
    ]
}
2026-01-15T20:30:33.559Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:30:33.563Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:33:53Z"
        }
    ]
}
2026-01-15T20:31:03.842Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:31:03.846Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:34:23Z"
        }
    ]
}
2026-01-15T20:31:34.131Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:31:34.135Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:34:54Z"
        }
    ]
}
2026-01-15T20:32:04.414Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:32:04.421Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:35:24Z"
        }
    ]
}
2026-01-15T20:32:34.703Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:32:34.707Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:35:54Z"
        }
    ]
}
2026-01-15T20:33:04.983Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:33:04.989Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T20:36:24Z"
        }
    ]
}
2026-01-15T20:33:35.275Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:33:35.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:36:55Z"
        }
    ]
}
2026-01-15T20:34:05.561Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:34:05.565Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:37:25Z"
        }
    ]
}
2026-01-15T20:34:35.846Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T20:34:35.851Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:37:55Z"
        }
    ]
}
2026-01-15T20:35:06.131Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:35:06.138Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:38:26Z"
        }
    ]
}
2026-01-15T20:35:36.417Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:35:36.423Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:38:56Z"
        }
    ]
}
2026-01-15T20:36:06.698Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:36:06.703Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:39:26Z"
        }
    ]
}
2026-01-15T20:36:36.980Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:36:36.989Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:39:56Z"
        }
    ]
}
2026-01-15T20:37:07.257Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:37:07.263Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:40:27Z"
            }
        ]
}
2026-01-15T20:37:37.543Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:37:37.549Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:40:57Z"
        }
    ]
}
2026-01-15T20:38:07.829Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:38:07.835Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:41:27Z"
        }
    ]
}
2026-01-15T20:38:38.111Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T20:38:38.117Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:41:58Z"
        }
    ]
}
2026-01-15T20:39:08.391Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:39:08.398Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:42:28Z"
        }
    ]
}
2026-01-15T20:39:38.681Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:39:38.688Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:42:58Z"
        }
    ]
```

```
}
2026-01-15T20:40:08.967Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:40:08.974Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:43:28Z"
        }
    ]
}
2026-01-15T20:40:39.247Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:40:39.253Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:43:59Z"
        }
    ]
}
2026-01-15T20:41:09.535Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:41:09.542Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:44:29Z"
            }
        ]
}
2026-01-15T20:41:39.816Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:41:39.822Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:44:59Z"
            }
        ]
}
2026-01-15T20:42:10.099Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:42:10.105Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:45:30Z"
            }
        ]
}
2026-01-15T20:42:40.387Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:42:40.392Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:46:00Z"
        }
    ]
}
2026-01-15T20:43:10.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:43:10.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:46:30Z"
        }
    ]
}
2026-01-15T20:43:40.957Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:43:40.963Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:47:00Z"
```

```
        }
    ]
}
2026-01-15T20:44:11.236Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:44:11.242Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:47:31Z"
        }
    ]
}
2026-01-15T20:44:41.519Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:44:41.525Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:48:01Z"
        }
    ]
}
2026-01-15T20:45:11.805Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:45:11.811Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:48:31Z"
        }
    ]
}
2026-01-15T20:45:42.092Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:45:42.098Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:49:02Z"
        }
    ]
}
2026-01-15T20:46:12.377Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:46:12.382Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:49:32Z"
        }
    ]
}
2026-01-15T20:46:42.661Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:46:42.667Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:50:02Z"
        }
    ]
}
2026-01-15T20:47:12.976Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:47:12.982Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:50:32Z"
        }
    ]
}
2026-01-15T20:47:43.266Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:47:43.272Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T20:51:03Z"
        }
    ]
}
2026-01-15T20:48:13.555Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:48:13.562Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:51:33Z"
        }
    ]
}
2026-01-15T20:48:43.832Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:48:43.838Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:52:03Z"
        }
    ]
}
2026-01-15T20:49:14.108Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T20:49:14.114Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:52:34Z"
        }
    ]
}
2026-01-15T20:49:44.382Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:49:44.390Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:53:04Z"
        }
    ]
}
2026-01-15T20:50:14.658Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:50:14.664Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:53:34Z"
        }
    ]
}
2026-01-15T20:50:44.933Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:50:44.940Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:54:04Z"
        }
    ]
}
2026-01-15T20:51:15.227Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:51:15.233Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:54:35Z"
        }
    ]
}
2026-01-15T20:51:45.509Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:51:45.516Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T20:55:05Z"
            }
        ]
}
2026-01-15T20:52:15.789Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:52:15.793Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:55:35Z"
        }
    ]
}
2026-01-15T20:52:46.072Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:52:46.078Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:56:06Z"
        }
    ]
}
2026-01-15T20:53:16.355Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T20:53:16.361Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:56:36Z"
        }
    ]
}
2026-01-15T20:53:46.634Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:53:46.640Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:57:06Z"
        }
    ]
}
2026-01-15T20:54:16.924Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:54:16.930Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:57:36Z"
        }
    ]
```

```
}
2026-01-15T20:54:47.207Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:54:47.213Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:58:07Z"
        }
    ]
}
2026-01-15T20:55:17.492Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:55:17.497Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:58:37Z"
        }
    ]
}
2026-01-15T20:55:47.775Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:55:47.780Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:59:07Z"
        }
    ]
}
2026-01-15T20:56:18.055Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:56:18.059Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T20:59:38Z"
        }
    ]
}
2026-01-15T20:56:48.335Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:56:48.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:00:08Z"
        }
    ]
}
2026-01-15T20:57:18.619Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T20:57:18.625Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:00:38Z"
        }
    ]
}
2026-01-15T20:57:48.898Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:57:48.904Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:01:08Z"
        }
    ]
}
2026-01-15T20:58:19.188Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:58:19.194Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:01:39Z"
```

```
            }
        ]
}
2026-01-15T20:58:49.482Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:58:49.487Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:02:09Z"
        }
    ]
}
2026-01-15T20:59:19.767Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:59:19.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:02:39Z"
        }
    ]
}
2026-01-15T20:59:50.065Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T20:59:50.072Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:03:10Z"
        }
    ]
}
2026-01-15T21:00:20.391Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:00:20.397Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:03:40Z"
        }
    ]
}
2026-01-15T21:00:50.673Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:00:50.677Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:04:10Z"
        }
    ]
}
2026-01-15T21:01:20.957Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:01:20.963Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:04:40Z"
        }
    ]
}
2026-01-15T21:01:51.243Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:01:51.250Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:05:11Z"
        }
    ]
}
2026-01-15T21:02:21.535Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:02:21.540Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T21:05:41Z"
        }
    ]
}
2026-01-15T21:02:51.816Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:02:51.823Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:06:11Z"
        }
    ]
}
2026-01-15T21:03:22.101Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:03:22.105Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:06:42Z"
        }
    ]
}
2026-01-15T21:03:52.381Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T21:03:52.385Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:07:12Z"
        }
    ]
}
2026-01-15T21:04:22.661Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:04:22.668Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:07:42Z"
        }
    ]
}
2026-01-15T21:04:52.947Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:04:52.953Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:08:12Z"
        }
    ]
}
2026-01-15T21:05:23.243Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:05:23.247Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:08:43Z"
        }
    ]
}
2026-01-15T21:05:53.536Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:05:53.542Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:09:13Z"
        }
    ]
}
2026-01-15T21:06:23.819Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:06:23.825Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:09:43Z"
            }
        ]
}
2026-01-15T21:06:54.098Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:06:54.102Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:10:14Z"
        }
    ]
}
2026-01-15T21:07:24.382Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:07:24.388Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:10:44Z"
        }
    ]
}
2026-01-15T21:07:54.664Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T21:07:54.668Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:11:14Z"
        }
    ]
}
2026-01-15T21:08:24.947Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:08:24.951Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:11:44Z"
        }
    ]
}
2026-01-15T21:08:55.230Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:08:55.236Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:12:15Z"
        }
    ]
```

```
}
2026-01-15T21:09:25.513Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:09:25.519Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:12:45Z"
        }
    ]
}
2026-01-15T21:09:55.796Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:09:55.802Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:13:15Z"
        }
    ]
}
2026-01-15T21:10:26.078Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:10:26.084Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:13:46Z"
            }
        ]
}
2026-01-15T21:10:56.365Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:10:56.371Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:14:16Z"
            }
        ]
}
2026-01-15T21:11:26.651Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:11:26.655Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:14:46Z"
            }
        ]
}
2026-01-15T21:11:56.937Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:11:56.944Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:15:16Z"
        }
    ]
}
2026-01-15T21:12:27.210Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:12:27.217Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:15:47Z"
        }
    ]
}
2026-01-15T21:12:57.486Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:12:57.493Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:16:17Z"
```

```
        }
    ]
}
2026-01-15T21:13:27.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:13:27.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:16:47Z"
        }
    ]
}
2026-01-15T21:13:58.049Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:13:58.055Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:17:18Z"
        }
    ]
}
2026-01-15T21:14:28.332Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:14:28.338Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:17:48Z"
        }
    ]
}
2026-01-15T21:14:58.619Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:14:58.625Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:18:18Z"
        }
    ]
}
2026-01-15T21:15:28.898Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:15:28.904Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:18:48Z"
        }
    ]
}
2026-01-15T21:15:59.177Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:15:59.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:19:19Z"
        }
    ]
}
2026-01-15T21:16:29.473Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:16:29.479Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:19:49Z"
        }
    ]
}
2026-01-15T21:16:59.759Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:16:59.763Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T21:20:19Z"
        }
    ]
}
2026-01-15T21:17:30.072Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:17:30.076Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:20:50Z"
        }
    ]
}
2026-01-15T21:18:00.348Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:18:00.354Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:21:20Z"
        }
    ]
}
2026-01-15T21:18:30.622Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T21:18:30.631Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T21:21:50Z"
            }
      ]
}
2026-01-15T21:19:00.911Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T21:19:00.917Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T21:22:20Z"
            }
      ]
}
2026-01-15T21:19:31.200Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T21:19:31.207Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T21:22:51Z"
            }
      ]
}
2026-01-15T21:20:01.480Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:20:01.484Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:23:21Z"
        }
    ]
}
2026-01-15T21:20:31.765Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:20:31.772Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:23:51Z"
        }
    ]
}
2026-01-15T21:21:02.055Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:21:02.062Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:24:22Z"
            }
        ]
}
2026-01-15T21:21:32.344Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:21:32.348Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:24:52Z"
        }
    ]
}
2026-01-15T21:22:02.627Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:22:02.632Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:25:22Z"
        }
    ]
}
2026-01-15T21:22:32.914Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T21:22:32.920Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:25:52Z"
        }
    ]
}
2026-01-15T21:23:03.194Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:23:03.200Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:26:23Z"
        }
    ]
}
2026-01-15T21:23:33.469Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:23:33.474Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:26:53Z"
        }
    ]
```

```
}
2026-01-15T21:24:03.770Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:24:03.776Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:27:23Z"
        }
    ]
}
2026-01-15T21:24:34.061Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:24:34.069Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:27:54Z"
        }
    ]
}
2026-01-15T21:25:04.349Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:25:04.355Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:28:24Z"
            }
        ]
}
2026-01-15T21:25:34.631Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:25:34.638Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:28:54Z"
            }
        ]
}
2026-01-15T21:26:04.911Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:26:04.915Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:29:24Z"
            }
        ]
}
2026-01-15T21:26:35.196Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:26:35.203Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:29:55Z"
        }
    ]
}
2026-01-15T21:27:05.483Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:27:05.487Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:30:25Z"
        }
    ]
}
2026-01-15T21:27:35.767Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:27:35.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:30:55Z"
```

```
        }
    ]
}
2026-01-15T21:28:06.055Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:28:06.061Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:31:26Z"
        }
    ]
}
2026-01-15T21:28:36.334Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:28:36.338Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:31:56Z"
        }
    ]
}
2026-01-15T21:29:06.611Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:29:06.617Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:32:26Z"
        }
    ]
}
2026-01-15T21:29:36.891Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:29:36.898Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:32:56Z"
        }
    ]
}
2026-01-15T21:30:07.174Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:30:07.180Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:33:27Z"
        }
    ]
}
2026-01-15T21:30:37.453Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:30:37.459Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:33:57Z"
        }
    ]
}
2026-01-15T21:31:07.734Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:31:07.740Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:34:27Z"
        }
    ]
}
2026-01-15T21:31:38.022Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:31:38.026Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T21:34:58Z"
        }
    ]
}
2026-01-15T21:32:08.299Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:32:08.303Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:35:28Z"
        }
    ]
}
2026-01-15T21:32:38.578Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:32:38.584Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:35:58Z"
        }
    ]
}
2026-01-15T21:33:08.855Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T21:33:08.861Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:36:28Z"
        }
    ]
}
2026-01-15T21:33:39.140Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:33:39.145Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:36:59Z"
        }
    ]
}
2026-01-15T21:34:09.421Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:34:09.427Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:37:29Z"
        }
    ]
}
2026-01-15T21:34:39.697Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:34:39.703Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:37:59Z"
        }
    ]
}
2026-01-15T21:35:09.980Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:35:09.986Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:38:29Z"
        }
    ]
}
2026-01-15T21:35:40.266Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:35:40.270Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:39:00Z"
            }
        ]
}
2026-01-15T21:36:10.552Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:36:10.558Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:39:30Z"
        }
    ]
}
2026-01-15T21:36:40.828Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:36:40.834Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:40:00Z"
        }
    ]
}
2026-01-15T21:37:11.118Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T21:37:11.124Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:40:31Z"
            }
        ]
}
2026-01-15T21:37:41.415Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:37:41.421Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:41:01Z"
            }
        ]
}
2026-01-15T21:38:11.697Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:38:11.703Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:41:31Z"
            }
        ]
```

```
}
2026-01-15T21:38:41.983Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:38:41.989Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:42:01Z"
        }
    ]
}
2026-01-15T21:39:12.270Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:39:12.276Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:42:32Z"
        }
    ]
}
2026-01-15T21:39:42.558Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:39:42.563Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:43:02Z"
            }
        ]
}
2026-01-15T21:40:12.835Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:40:12.839Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:43:32Z"
            }
        ]
}
2026-01-15T21:40:43.115Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:40:43.121Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:44:03Z"
            }
        ]
}
2026-01-15T21:41:13.407Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:41:13.414Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:44:33Z"
        }
    ]
}
2026-01-15T21:41:43.697Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:41:43.703Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:45:03Z"
        }
    ]
}
2026-01-15T21:42:13.984Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:42:13.993Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:45:33Z"
```

```
        }
    ]
}
2026-01-15T21:42:44.296Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:42:44.302Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:46:04Z"
        }
    ]
}
2026-01-15T21:43:14.582Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:43:14.588Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:46:34Z"
        }
    ]
}
2026-01-15T21:43:44.868Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:43:44.874Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:47:04Z"
        }
    ]
}
2026-01-15T21:44:15.155Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:44:15.161Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:47:35Z"
        }
    ]
}
2026-01-15T21:44:45.441Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:44:45.447Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:48:05Z"
        }
    ]
}
2026-01-15T21:45:15.723Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:45:15.730Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:48:35Z"
        }
    ]
}
2026-01-15T21:45:46.009Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:45:46.016Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:49:06Z"
        }
    ]
}
2026-01-15T21:46:16.290Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:46:16.296Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T21:49:36Z"
        }
    ]
}
2026-01-15T21:46:46.573Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:46:46.579Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:50:06Z"
        }
    ]
}
2026-01-15T21:47:16.857Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:47:16.862Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:50:36Z"
        }
    ]
}
2026-01-15T21:47:47.138Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T21:47:47.144Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:51:07Z"
        }
    ]
}
2026-01-15T21:48:17.424Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:48:17.430Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:51:37Z"
        }
    ]
}
2026-01-15T21:48:47.710Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:48:47.717Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:52:07Z"
        }
    ]
}
2026-01-15T21:49:18.006Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:49:18.012Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:52:38Z"
        }
    ]
}
2026-01-15T21:49:48.286Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:49:48.292Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:53:08Z"
        }
    ]
}
2026-01-15T21:50:18.571Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:50:18.578Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:53:38Z"
            }
        ]
}
2026-01-15T21:50:48.857Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:50:48.861Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:54:08Z"
            }
        ]
}
2026-01-15T21:51:19.141Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:51:19.148Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:54:39Z"
            }
        ]
}
2026-01-15T21:51:49.427Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T21:51:49.433Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:55:09Z"
            }
    ]
}
2026-01-15T21:52:19.707Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T21:52:19.713Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:55:39Z"
            }
    ]
}
2026-01-15T21:52:50.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T21:52:50.035Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:56:10Z"
            }
    ]
```

```
}
2026-01-15T21:53:20.306Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:53:20.312Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:56:40Z"
        }
    ]
}
2026-01-15T21:53:50.592Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:53:50.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:57:10Z"
        }
    ]
}
2026-01-15T21:54:20.874Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:54:20.878Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:57:40Z"
            }
        ]
}
2026-01-15T21:54:51.161Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:54:51.165Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:58:11Z"
            }
        ]
}
2026-01-15T21:55:21.437Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:55:21.443Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T21:58:41Z"
            }
        ]
}
2026-01-15T21:55:51.711Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T21:55:51.717Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:59:11Z"
        }
    ]
}
2026-01-15T21:56:21.989Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:56:21.994Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T21:59:41Z"
        }
    ]
}
2026-01-15T21:56:52.266Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:56:52.275Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:00:12Z"
```

```
        }
    ]
}
2026-01-15T21:57:22.555Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:57:22.559Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:00:42Z"
        }
    ]
}
2026-01-15T21:57:52.842Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:57:52.848Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:01:12Z"
        }
    ]
}
2026-01-15T21:58:23.128Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:58:23.134Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:01:43Z"
        }
    ]
}
2026-01-15T21:58:53.418Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:58:53.424Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:02:13Z"
        }
    ]
}
2026-01-15T21:59:23.706Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:59:23.710Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:02:43Z"
        }
    ]
}
2026-01-15T21:59:53.993Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T21:59:53.999Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:03:13Z"
        }
    ]
}
2026-01-15T22:00:24.313Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:00:24.319Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:03:44Z"
        }
    ]
}
2026-01-15T22:00:54.605Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:00:54.611Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T22:04:14Z"
        }
    ]
}
2026-01-15T22:01:24.897Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:01:24.903Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:04:44Z"
        }
    ]
}
2026-01-15T22:01:55.174Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:01:55.180Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:05:15Z"
        }
    ]
}
2026-01-15T22:02:25.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T22:02:25.467Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:05:45Z"
            }
      ]
}
2026-01-15T22:02:55.746Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T22:02:55.753Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:06:15Z"
            }
      ]
}
2026-01-15T22:03:26.023Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T22:03:26.029Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:06:46Z"
            }
      ]
}
2026-01-15T22:03:56.309Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:03:56.315Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:07:16Z"
        }
    ]
}
2026-01-15T22:04:26.596Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:04:26.601Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:07:46Z"
        }
    ]
}
2026-01-15T22:04:56.875Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:04:56.881Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:08:16Z"
            }
        ]
}
2026-01-15T22:05:27.161Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:05:27.168Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:08:47Z"
        }
    ]
}
2026-01-15T22:05:57.444Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:05:57.450Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:09:17Z"
        }
    ]
}
2026-01-15T22:06:27.719Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T22:06:27.726Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:09:47Z"
        }
    ]
}
2026-01-15T22:06:58.000Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:06:58.005Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:10:18Z"
        }
    ]
}
2026-01-15T22:07:28.280Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:07:28.288Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:10:48Z"
        }
    ]
```

```
}
2026-01-15T22:07:58.565Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:07:58.571Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:11:18Z"
        }
    ]
}
2026-01-15T22:08:28.855Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:08:28.859Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:11:48Z"
        }
    ]
}
2026-01-15T22:08:59.137Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:08:59.141Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:12:19Z"
            }
        ]
}
2026-01-15T22:09:29.424Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:09:29.430Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:12:49Z"
            }
        ]
}
2026-01-15T22:09:59.701Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:09:59.707Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:13:19Z"
            }
        ]
}
2026-01-15T22:10:29.993Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:10:29.999Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:13:49Z"
        }
    ]
}
2026-01-15T22:10:59.647Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
            ],
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
```

```
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3660000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3670000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3680000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3690000000,
            "measRcvdPower": -99
        }
```

```
                ]
            }
        }
    ]
}
2026-01-15T22:10:59.657Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T22:10:59.657Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T22:10:59.661Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T22:10:59.661Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-15T22:10:59.663Z - INFO - engine sent successfully, the response to CBRS    : {
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
```

```
        }
    ]
}
2026-01-15T22:11:00.278Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:11:00.283Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:14:20Z"
        }
    ]
}
2026-01-15T22:11:30.562Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:11:30.568Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:14:50Z"
        }
    ]
}
2026-01-15T22:12:00.855Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:12:00.864Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:15:20Z"
        }
    ]
}
2026-01-15T22:12:31.144Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:12:31.151Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:15:51Z"
        }
    ]
}
2026-01-15T22:13:01.427Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:13:01.433Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:16:21Z"
        }
    ]
}
2026-01-15T22:13:31.716Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:13:31.721Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:16:51Z"
        }
    ]
}
2026-01-15T22:14:01.999Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:14:02.005Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:17:22Z"
        }
    ]
}
2026-01-15T22:14:32.279Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:14:32.285Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T22:17:52Z"
        }
    ]
}
2026-01-15T22:15:02.555Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:15:02.561Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:18:22Z"
        }
    ]
}
2026-01-15T22:15:32.838Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:15:32.844Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:18:52Z"
        }
    ]
}
2026-01-15T22:16:03.125Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T22:16:03.134Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:19:23Z"
        }
    ]
}
2026-01-15T22:16:33.407Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:16:33.411Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:19:53Z"
        }
    ]
}
2026-01-15T22:17:03.684Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:17:03.688Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:20:23Z"
        }
    ]
}
2026-01-15T22:17:33.959Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:17:33.963Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:20:53Z"
        }
    ]
}
2026-01-15T22:18:04.247Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:18:04.253Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:21:24Z"
        }
    ]
}
2026-01-15T22:18:34.532Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:18:34.539Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:21:54Z"
            }
        ]
}
2026-01-15T22:19:04.812Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:19:04.819Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:22:24Z"
            }
        ]
}
2026-01-15T22:19:35.128Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:19:35.134Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:22:55Z"
            }
        ]
}
2026-01-15T22:20:05.440Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T22:20:05.447Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:23:25Z"
        }
    ]
}
2026-01-15T22:20:35.723Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:20:35.727Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:23:55Z"
        }
    ]
}
2026-01-15T22:21:06.009Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:21:06.016Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:24:26Z"
        }
    ]
```

```
}
2026-01-15T22:21:36.289Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:21:36.293Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:24:56Z"
        }
    ]
}
2026-01-15T22:22:06.562Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:22:06.569Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:25:26Z"
        }
    ]
}
2026-01-15T22:22:36.838Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:22:36.845Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:25:56Z"
            }
        ]
}
2026-01-15T22:23:07.124Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:23:07.131Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:26:27Z"
            }
        ]
}
2026-01-15T22:23:37.401Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:23:37.407Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:26:57Z"
            }
        ]
}
2026-01-15T22:24:07.686Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:24:07.691Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:27:27Z"
        }
    ]
}
2026-01-15T22:24:37.976Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:24:37.982Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:27:57Z"
        }
    ]
}
2026-01-15T22:25:08.269Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:25:08.275Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:28:28Z"
```

```
            }
        ]
}
2026-01-15T22:25:38.552Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:25:38.559Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:28:58Z"
        }
    ]
}
2026-01-15T22:26:08.836Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:26:08.842Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:29:28Z"
        }
    ]
}
2026-01-15T22:26:39.118Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:26:39.124Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:29:59Z"
        }
    ]
}
2026-01-15T22:27:09.405Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:27:09.411Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:30:29Z"
        }
    ]
}
2026-01-15T22:27:39.687Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:27:39.693Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:30:59Z"
        }
    ]
}
2026-01-15T22:28:09.996Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:28:10.002Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:31:30Z"
        }
    ]
}
2026-01-15T22:28:40.276Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:28:40.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:32:00Z"
        }
    ]
}
2026-01-15T22:29:10.555Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:29:10.562Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T22:32:30Z"
        }
    ]
}
2026-01-15T22:29:40.834Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:29:40.839Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:33:00Z"
        }
    ]
}
2026-01-15T22:30:11.121Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:30:11.127Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:33:31Z"
        }
    ]
}
2026-01-15T22:30:41.407Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T22:30:41.415Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:34:01Z"
            }
      ]
}
2026-01-15T22:31:11.688Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T22:31:11.694Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:34:31Z"
            }
      ]
}
2026-01-15T22:31:41.964Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T22:31:41.970Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:35:01Z"
            }
      ]
}
2026-01-15T22:32:12.244Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:32:12.250Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:35:32Z"
        }
    ]
}
2026-01-15T22:32:42.525Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:32:42.530Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:36:02Z"
        }
    ]
}
2026-01-15T22:33:12.802Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:33:12.808Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:36:32Z"
            }
        ]
}
2026-01-15T22:33:43.094Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:33:43.098Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:37:03Z"
        }
    ]
}
2026-01-15T22:34:13.371Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:34:13.377Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:37:33Z"
        }
    ]
}
2026-01-15T22:34:43.647Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T22:34:43.653Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:38:03Z"
        }
    ]
}
2026-01-15T22:35:13.926Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:35:13.931Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:38:33Z"
        }
    ]
}
2026-01-15T22:35:44.209Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:35:44.214Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:39:04Z"
        }
    ]
```

```
}
2026-01-15T22:36:14.486Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:36:14.494Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:39:34Z"
        }
    ]
}
2026-01-15T22:36:44.767Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:36:44.773Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:40:04Z"
        }
    ]
}
2026-01-15T22:37:15.059Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:37:15.065Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:40:35Z"
        }
    ]
}
2026-01-15T22:37:45.335Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:37:45.341Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:41:05Z"
        }
    ]
}
2026-01-15T22:38:15.634Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:38:15.641Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:41:35Z"
        }
    ]
}
2026-01-15T22:38:45.920Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:38:45.926Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:42:05Z"
        }
    ]
}
2026-01-15T22:39:16.203Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:39:16.210Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:42:36Z"
        }
    ]
}
2026-01-15T22:39:46.479Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:39:46.484Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:43:06Z"
```

```
            }
        ]
}
2026-01-15T22:40:16.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:40:16.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:43:36Z"
            }
        ]
}
2026-01-15T22:40:47.043Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:40:47.049Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:44:07Z"
            }
        ]
}
2026-01-15T22:41:17.319Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:41:17.325Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:44:37Z"
        }
    ]
}
2026-01-15T22:41:47.605Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:41:47.611Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:45:07Z"
        }
    ]
}
2026-01-15T22:42:17.890Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:42:17.894Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:45:37Z"
        }
    ]
}
2026-01-15T22:42:48.183Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:42:48.190Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:46:08Z"
        }
    ]
}
2026-01-15T22:43:18.466Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:43:18.470Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:46:38Z"
        }
    ]
}
2026-01-15T22:43:48.752Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:43:48.757Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T22:47:08Z"
        }
    ]
}
2026-01-15T22:44:19.036Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:44:19.042Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:47:39Z"
        }
    ]
}
2026-01-15T22:44:49.312Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:44:49.318Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:48:09Z"
        }
    ]
}
2026-01-15T22:45:19.598Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T22:45:19.605Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:48:39Z"
            }
      ]
}
2026-01-15T22:45:49.891Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T22:45:49.897Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:49:09Z"
            }
      ]
}
2026-01-15T22:46:20.193Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T22:46:20.197Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T22:49:40Z"
            }
      ]
}
2026-01-15T22:46:50.471Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:46:50.477Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:50:10Z"
        }
    ]
}
2026-01-15T22:47:20.749Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:47:20.755Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:50:40Z"
        }
    ]
}
2026-01-15T22:47:51.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:47:51.036Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:51:11Z"
            }
        ]
}
2026-01-15T22:48:21.313Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:48:21.319Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:51:41Z"
            }
        ]
}
2026-01-15T22:48:51.588Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:48:51.595Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:52:11Z"
            }
        ]
}
2026-01-15T22:49:21.872Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-15T22:49:21.878Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:52:41Z"
            }
    ]
}
2026-01-15T22:49:52.154Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T22:49:52.160Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:53:12Z"
            }
    ]
}
2026-01-15T22:50:22.437Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T22:50:22.443Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:53:42Z"
            }
    ]
```

```
}
2026-01-15T22:50:52.720Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:50:52.726Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:54:12Z"
        }
    ]
}
2026-01-15T22:51:23.017Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:51:23.023Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:54:43Z"
        }
    ]
}
2026-01-15T22:51:53.302Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:51:53.308Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:55:13Z"
            }
        ]
}
2026-01-15T22:52:23.575Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:52:23.581Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:55:43Z"
            }
        ]
}
2026-01-15T22:52:53.855Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:52:53.861Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T22:56:13Z"
            }
        ]
}
2026-01-15T22:53:24.131Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T22:53:24.138Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:56:44Z"
        }
    ]
}
2026-01-15T22:53:54.407Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:53:54.414Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:57:14Z"
        }
    ]
}
2026-01-15T22:54:24.691Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:54:24.697Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:57:44Z"
```

```
            }
        ]
}
2026-01-15T22:54:54.976Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:54:54.982Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:58:14Z"
        }
    ]
}
2026-01-15T22:55:25.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:55:25.259Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:58:45Z"
        }
    ]
}
2026-01-15T22:55:55.539Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:55:55.546Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:59:15Z"
        }
    ]
}
2026-01-15T22:56:25.819Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:56:25.828Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T22:59:45Z"
        }
    ]
}
2026-01-15T22:56:56.098Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:56:56.108Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:00:16Z"
        }
    ]
}
2026-01-15T22:57:26.398Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:57:26.404Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:00:46Z"
        }
    ]
}
2026-01-15T22:57:56.670Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:57:56.676Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:01:16Z"
        }
    ]
}
2026-01-15T22:58:26.959Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:58:26.967Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T23:01:46Z"
        }
    ]
}
2026-01-15T22:58:57.239Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:58:57.243Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:02:17Z"
        }
    ]
}
2026-01-15T22:59:27.526Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T22:59:27.532Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:02:47Z"
        }
    ]
}
2026-01-15T22:59:57.801Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T22:59:57.806Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:03:17Z"
            }
      ]
}
2026-01-15T23:00:28.118Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T23:00:28.125Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:03:48Z"
            }
      ]
}
2026-01-15T23:00:58.395Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T23:00:58.401Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:04:18Z"
            }
      ]
}
2026-01-15T23:01:28.678Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:01:28.683Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:04:48Z"
        }
    ]
}
2026-01-15T23:01:58.957Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:01:58.963Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:05:18Z"
        }
    ]
}
2026-01-15T23:02:29.240Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:02:29.246Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:05:49Z"
            }
        ]
}
2026-01-15T23:02:59.522Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:02:59.526Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:06:19Z"
        }
    ]
}
2026-01-15T23:03:29.803Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:03:29.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:06:49Z"
        }
    ]
}
2026-01-15T23:04:00.104Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T23:04:00.108Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:07:20Z"
        }
    ]
}
2026-01-15T23:04:30.382Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:04:30.390Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:07:50Z"
        }
    ]
}
2026-01-15T23:05:00.661Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:05:00.665Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:08:20Z"
        }
    ]
```

```
}
2026-01-15T23:05:30.944Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:05:30.950Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:08:50Z"
        }
    ]
}
2026-01-15T23:06:01.233Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:06:01.240Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:09:21Z"
        }
    ]
}
2026-01-15T23:06:31.516Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:06:31.520Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:09:51Z"
            }
        ]
}
2026-01-15T23:07:01.789Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:07:01.796Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:10:21Z"
            }
        ]
}
2026-01-15T23:07:32.071Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:07:32.076Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:10:52Z"
            }
        ]
}
2026-01-15T23:08:02.361Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:08:02.365Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:11:22Z"
        }
    ]
}
2026-01-15T23:08:32.648Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:08:32.654Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:11:52Z"
        }
    ]
}
2026-01-15T23:09:02.934Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:09:02.938Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:12:22Z"
```

```
        }
    ]
}
2026-01-15T23:09:33.216Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:09:33.223Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:12:53Z"
        }
    ]
}
2026-01-15T23:10:03.539Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:10:03.543Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:13:23Z"
        }
    ]
}
2026-01-15T23:10:33.818Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:10:33.823Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:13:53Z"
        }
    ]
}
2026-01-15T23:11:04.098Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:11:04.104Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:14:24Z"
        }
    ]
}
2026-01-15T23:11:34.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:11:34.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:14:54Z"
        }
    ]
}
2026-01-15T23:12:04.661Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:12:04.670Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:15:24Z"
        }
    ]
}
2026-01-15T23:12:34.948Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:12:34.953Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:15:54Z"
        }
    ]
}
2026-01-15T23:13:05.224Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:13:05.230Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T23:16:25Z"
        }
    ]
}
2026-01-15T23:13:35.499Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:13:35.505Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:16:55Z"
        }
    ]
}
2026-01-15T23:14:05.775Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:14:05.779Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:17:25Z"
        }
    ]
}
2026-01-15T23:14:36.051Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T23:14:36.056Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:17:56Z"
            }
      ]
}
2026-01-15T23:15:06.335Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T23:15:06.342Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:18:26Z"
            }
      ]
}
2026-01-15T23:15:36.627Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T23:15:36.632Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:18:56Z"
            }
      ]
}
2026-01-15T23:16:06.911Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:16:06.917Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:19:26Z"
        }
    ]
}
2026-01-15T23:16:37.190Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:16:37.194Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:19:57Z"
        }
    ]
}
2026-01-15T23:17:07.464Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:17:07.470Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:20:27Z"
            }
        ]
}
2026-01-15T23:17:37.740Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:17:37.746Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:20:57Z"
        }
    ]
}
2026-01-15T23:18:08.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:18:08.019Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:21:28Z"
        }
    ]
}
2026-01-15T23:18:38.293Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T23:18:38.299Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:21:58Z"
        }
    ]
}
2026-01-15T23:19:08.575Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:19:08.581Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:22:28Z"
        }
    ]
}
2026-01-15T23:19:38.858Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:19:38.862Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:22:58Z"
        }
    ]
```

```
}
2026-01-15T23:20:09.137Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:20:09.144Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:23:29Z"
        }
    ]
}
2026-01-15T23:20:39.417Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:20:39.424Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:23:59Z"
        }
    ]
}
2026-01-15T23:21:09.693Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:21:09.698Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:24:29Z"
            }
        ]
}
2026-01-15T23:21:39.993Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:21:40.000Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:24:59Z"
            }
        ]
}
2026-01-15T23:22:10.276Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:22:10.283Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:25:30Z"
            }
        ]
}
2026-01-15T23:22:40.558Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:22:40.566Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:26:00Z"
        }
    ]
}
2026-01-15T23:23:10.838Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:23:10.844Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:26:30Z"
        }
    ]
}
2026-01-15T23:23:41.124Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:23:41.130Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:27:01Z"
```

```
        }
    ]
}
2026-01-15T23:24:11.400Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:24:11.405Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:27:31Z"
        }
    ]
}
2026-01-15T23:24:41.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:24:41.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:28:01Z"
        }
    ]
}
2026-01-15T23:25:11.957Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:25:11.963Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:28:31Z"
        }
    ]
}
2026-01-15T23:25:42.239Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:25:42.244Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:29:02Z"
        }
    ]
}
2026-01-15T23:26:12.536Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:26:12.540Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:29:32Z"
        }
    ]
}
2026-01-15T23:26:42.822Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:26:42.828Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:30:02Z"
            }
        ]
}
2026-01-15T23:27:13.108Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:27:13.114Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:30:33Z"
            }
        ]
}
2026-01-15T23:27:43.391Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:27:43.398Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-15T23:31:03Z"
        }
    ]
}
2026-01-15T23:28:13.680Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:28:13.687Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:31:33Z"
        }
    ]
}
2026-01-15T23:28:43.960Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:28:43.967Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:32:03Z"
        }
    ]
}
2026-01-15T23:29:14.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T23:29:14.259Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:32:34Z"
            }
      ]
}
2026-01-15T23:29:44.535Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T23:29:44.540Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:33:04Z"
            }
      ]
}
2026-01-15T23:30:14.815Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-15T23:30:14.821Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-15T23:33:34Z"
            }
      ]
}
2026-01-15T23:30:45.095Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:30:45.101Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:34:05Z"
        }
    ]
}
2026-01-15T23:31:15.397Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:31:15.403Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:34:35Z"
        }
    ]
}
2026-01-15T23:31:45.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:31:45.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:35:05Z"
            }
        ]
}
2026-01-15T23:32:15.963Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:32:15.969Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:35:35Z"
        }
    ]
}
2026-01-15T23:32:46.243Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:32:46.247Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:36:06Z"
        }
    ]
}
2026-01-15T23:33:16.522Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T23:33:16.528Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:36:36Z"
        }
    ]
}
2026-01-15T23:33:46.803Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:33:46.809Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:37:06Z"
        }
    ]
}
2026-01-15T23:34:17.098Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:34:17.104Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:37:37Z"
        }
    ]
```

```
}
2026-01-15T23:34:47.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:34:47.394Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:38:07Z"
        }
    ]
}
2026-01-15T23:35:17.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:35:17.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:38:37Z"
        }
    ]
}
2026-01-15T23:35:47.951Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:35:47.957Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:39:07Z"
            }
        ]
}
2026-01-15T23:36:18.232Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:36:18.237Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:39:38Z"
            }
        ]
}
2026-01-15T23:36:48.520Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:36:48.526Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:40:08Z"
            }
        ]
}
2026-01-15T23:37:18.809Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:37:18.815Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:40:38Z"
        }
    ]
}
2026-01-15T23:37:49.091Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:37:49.096Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:41:09Z"
        }
    ]
}
2026-01-15T23:38:19.365Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:38:19.369Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:41:39Z"
```

```
            }
        ]
}
2026-01-15T23:38:49.650Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:38:49.654Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:42:09Z"
            }
        ]
}
2026-01-15T23:39:19.934Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:39:19.941Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:42:39Z"
            }
        ]
}
2026-01-15T23:39:50.219Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:39:50.224Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:43:10Z"
        }
    ]
}
2026-01-15T23:40:20.496Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:40:20.500Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:43:40Z"
        }
    ]
}
2026-01-15T23:40:50.773Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:40:50.779Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:44:10Z"
        }
    ]
}
2026-01-15T23:41:21.062Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:41:21.069Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:44:41Z"
        }
    ]
}
2026-01-15T23:41:51.341Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:41:51.345Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:45:11Z"
        }
    ]
}
2026-01-15T23:42:21.625Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:42:21.631Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-15T23:45:41Z"
            }
        ]
}
2026-01-15T23:42:51.904Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T23:42:51.908Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:46:11Z"
            }
    ]
}
2026-01-15T23:43:22.187Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-15T23:43:22.191Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:46:42Z"
            }
    ]
}
2026-01-15T23:43:52.463Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
```

```
}
2026-01-15T23:43:52.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:47:12Z"
        }
    ]
}
2026-01-15T23:44:22.742Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:44:22.749Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:47:42Z"
        }
    ]
}
2026-01-15T23:44:53.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:44:53.046Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:48:13Z"
        }
    ]
}
2026-01-15T23:45:23.325Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:45:23.329Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:48:43Z"
        }
    ]
}
2026-01-15T23:45:53.599Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:45:53.605Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:49:13Z"
        }
    ]
}
2026-01-15T23:46:23.884Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:46:23.890Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:49:43Z"
            }
        ]
}
2026-01-15T23:46:54.184Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:46:54.188Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:50:14Z"
        }
    ]
}
2026-01-15T23:47:24.464Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:47:24.471Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:50:44Z"
        }
    ]
}
2026-01-15T23:47:54.753Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-15T23:47:54.757Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:51:14Z"
        }
    ]
}
2026-01-15T23:48:25.033Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:48:25.039Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:51:45Z"
        }
    ]
}
2026-01-15T23:48:55.319Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:48:55.325Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:52:15Z"
        }
    ]
```

```
}
2026-01-15T23:49:25.602Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:49:25.608Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:52:45Z"
        }
    ]
}
2026-01-15T23:49:55.888Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:49:55.894Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:53:15Z"
        }
    ]
}
2026-01-15T23:50:26.177Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:50:26.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:53:46Z"
            }
        ]
}
2026-01-15T23:50:56.461Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:50:56.469Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:54:16Z"
            }
        ]
}
2026-01-15T23:51:26.757Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:51:26.763Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-15T23:54:46Z"
            }
        ]
}
2026-01-15T23:51:57.032Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-15T23:51:57.039Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:55:17Z"
        }
    ]
}
2026-01-15T23:52:27.322Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:52:27.328Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:55:47Z"
        }
    ]
}
2026-01-15T23:52:57.605Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:52:57.611Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:56:17Z"
```

```
            }
        ]
}
2026-01-15T23:53:27.891Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:53:27.898Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:56:47Z"
        }
    ]
}
2026-01-15T23:53:58.167Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:53:58.174Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:57:18Z"
        }
    ]
}
2026-01-15T23:54:28.451Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:54:28.457Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:57:48Z"
        }
    ]
}
2026-01-15T23:54:58.730Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:54:58.736Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:58:18Z"
        }
    ]
}
2026-01-15T23:55:29.019Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:55:29.025Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:58:49Z"
        }
    ]
}
2026-01-15T23:55:59.296Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:55:59.301Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:59:19Z"
        }
    ]
}
2026-01-15T23:56:29.582Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:56:29.591Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-15T23:59:49Z"
        }
    ]
}
2026-01-15T23:56:59.869Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:56:59.875Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T00:00:19Z"
        }
    ]
}
2026-01-15T23:57:30.158Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:57:30.164Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:00:50Z"
        }
    ]
}
2026-01-15T23:58:00.447Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:58:00.453Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:01:20Z"
        }
    ]
}
2026-01-15T23:58:30.730Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-15T23:58:30.737Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:01:50Z"
        }
    ]
}
2026-01-15T23:59:01.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:59:01.022Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:02:21Z"
        }
    ]
}
2026-01-15T23:59:31.298Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-15T23:59:31.305Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:02:51Z"
        }
    ]
}
2026-01-16T00:00:01.581Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:00:01.585Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:03:21Z"
        }
    ]
}
2026-01-16T00:00:31.891Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:00:31.897Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:03:51Z"
        }
    ]
}
2026-01-16T00:01:02.168Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:01:02.174Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:04:22Z"
            }
        ]
}
2026-01-16T00:01:32.454Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:01:32.460Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:04:52Z"
        }
    ]
}
2026-01-16T00:02:02.740Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:02:02.744Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:05:22Z"
        }
    ]
}
2026-01-16T00:02:33.023Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T00:02:33.029Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:05:53Z"
        }
    ]
}
2026-01-16T00:03:03.302Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:03:03.306Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:06:23Z"
        }
    ]
}
2026-01-16T00:03:33.582Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:03:33.586Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:06:53Z"
        }
    ]
```

```
}
2026-01-16T00:04:03.871Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:04:03.875Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:07:23Z"
        }
    ]
}
2026-01-16T00:04:34.148Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:04:34.153Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:07:54Z"
        }
    ]
}
2026-01-16T00:05:04.424Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:05:04.430Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:08:24Z"
            }
        ]
}
2026-01-16T00:05:34.700Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:05:34.706Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:08:54Z"
            }
        ]
}
2026-01-16T00:06:04.980Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:06:04.984Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:09:24Z"
            }
        ]
}
2026-01-16T00:06:35.266Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:06:35.272Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:09:55Z"
        }
    ]
}
2026-01-16T00:07:05.546Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:07:05.552Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:10:25Z"
        }
    ]
}
2026-01-16T00:07:35.822Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:07:35.828Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:10:55Z"
```

```
        }
    ]
}
2026-01-16T00:08:06.101Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:08:06.108Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:11:26Z"
        }
    ]
}
2026-01-16T00:08:36.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:08:36.390Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:11:56Z"
        }
    ]
}
2026-01-16T00:09:06.670Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:09:06.676Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:12:26Z"
        }
    ]
}
2026-01-16T00:09:36.947Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:09:36.953Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:12:56Z"
        }
    ]
}
2026-01-16T00:10:07.227Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:10:07.233Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:13:27Z"
        }
    ]
}
2026-01-16T00:10:37.509Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:10:37.513Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:13:57Z"
        }
    ]
}
2026-01-16T00:10:59.813Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
            ],
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
                        "measRcvdPower": -99
                    },
```

```
{
    "measBandwidth": 10000000,
    "measFrequency": 3580000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3590000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3600000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3610000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3620000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3630000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3640000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3650000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3660000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3670000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3680000000,
    "measRcvdPower": -99
},
{
    "measBandwidth": 10000000,
    "measFrequency": 3690000000,
```

```
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
```


2026-01-16T00:10:59.822Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0

2026-01-16T00:10:59.822Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0

2026-01-16T00:10:59.826Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0

2026-01-16T00:10:59.828Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0

2026-01-16T00:10:59.832Z - INFO - engine sent successfully, the response to CBRS : {


```
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
```

```
                    "responseCode": 0
                }
            }
        ]
}
2026-01-16T00:11:07.803Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:11:07.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:14:27Z"
        }
    ]
}
2026-01-16T00:11:38.091Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:11:38.096Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:14:58Z"
        }
    ]
}
2026-01-16T00:12:08.368Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T00:12:08.374Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:15:28Z"
            }
      ]
}
2026-01-16T00:12:38.654Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T00:12:38.660Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:15:58Z"
            }
      ]
}
2026-01-16T00:13:08.934Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T00:13:08.940Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:16:28Z"
            }
      ]
}
2026-01-16T00:13:39.223Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:13:39.230Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:16:59Z"
        }
    ]
}
2026-01-16T00:14:09.497Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:14:09.503Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:17:29Z"
        }
    ]
}
2026-01-16T00:14:39.778Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:14:39.782Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:17:59Z"
            }
        ]
}
2026-01-16T00:15:10.098Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:15:10.105Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:18:30Z"
        }
    ]
}
2026-01-16T00:15:40.375Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:15:40.381Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:19:00Z"
        }
    ]
}
2026-01-16T00:16:10.661Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-16T00:16:10.667Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:19:30Z"
            }
    ]
}
2026-01-16T00:16:40.937Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-16T00:16:40.943Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:20:00Z"
            }
    ]
}
2026-01-16T00:17:11.220Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
    ]
}
2026-01-16T00:17:11.226Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:20:31Z"
            }
    ]
```

```
}
2026-01-16T00:17:41.496Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:17:41.502Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:21:01Z"
        }
    ]
}
2026-01-16T00:18:11.779Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:18:11.786Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:21:31Z"
        }
    ]
}
2026-01-16T00:18:42.069Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:18:42.075Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:22:02Z"
            }
        ]
}
2026-01-16T00:19:12.351Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:19:12.358Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:22:32Z"
            }
        ]
}
2026-01-16T00:19:42.631Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:19:42.637Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:23:02Z"
            }
        ]
}
2026-01-16T00:20:12.907Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:20:12.914Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:23:32Z"
        }
    ]
}
2026-01-16T00:20:43.193Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:20:43.197Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:24:03Z"
        }
    ]
}
2026-01-16T00:21:13.467Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:21:13.473Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:24:33Z"
```

```
        }
    ]
}
2026-01-16T00:21:43.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:21:43.756Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:25:03Z"
        }
    ]
}
2026-01-16T00:22:14.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:22:14.046Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:25:34Z"
        }
    ]
}
2026-01-16T00:22:44.325Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:22:44.329Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:26:04Z"
        }
    ]
}
2026-01-16T00:23:14.601Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:23:14.607Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:26:34Z"
        }
    ]
}
2026-01-16T00:23:44.878Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:23:44.884Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:27:04Z"
        }
    ]
}
2026-01-16T00:24:15.157Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:24:15.163Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:27:35Z"
        }
    ]
}
2026-01-16T00:24:45.438Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:24:45.444Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:28:05Z"
        }
    ]
}
2026-01-16T00:25:15.721Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:25:15.726Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T00:28:35Z"
        }
    ]
}
2026-01-16T00:25:45.999Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:25:46.005Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:29:06Z"
        }
    ]
}
2026-01-16T00:26:16.285Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:26:16.289Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:29:36Z"
        }
    ]
}
2026-01-16T00:26:46.559Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T00:26:46.565Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:30:06Z"
            }
      ]
}
2026-01-16T00:27:16.834Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T00:27:16.839Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:30:36Z"
            }
      ]
}
2026-01-16T00:27:47.111Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T00:27:47.115Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:31:07Z"
            }
      ]
}
2026-01-16T00:28:17.388Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:28:17.394Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:31:37Z"
        }
    ]
}
2026-01-16T00:28:47.670Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:28:47.676Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:32:07Z"
        }
    ]
}
2026-01-16T00:29:17.947Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:29:17.953Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:32:37Z"
            }
        ]
}
2026-01-16T00:29:48.226Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:29:48.232Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:33:08Z"
        }
    ]
}
2026-01-16T00:30:18.512Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:30:18.516Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:33:38Z"
        }
    ]
}
2026-01-16T00:30:48.805Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T00:30:48.812Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:34:08Z"
        }
    ]
}
2026-01-16T00:31:19.088Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:31:19.095Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:34:39Z"
        }
    ]
}
2026-01-16T00:31:49.362Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:31:49.371Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:35:09Z"
        }
    ]
```

```
}
2026-01-16T00:32:19.644Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:32:19.650Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:35:39Z"
        }
    ]
}
2026-01-16T00:32:49.933Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:32:49.940Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:36:09Z"
        }
    ]
}
2026-01-16T00:33:20.217Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:33:20.223Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:36:40Z"
            }
        ]
}
2026-01-16T00:33:50.499Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:33:50.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:37:10Z"
            }
        ]
}
2026-01-16T00:34:20.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:34:20.792Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:37:40Z"
            }
        ]
}
2026-01-16T00:34:51.075Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:34:51.079Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:38:11Z"
        }
    ]
}
2026-01-16T00:35:21.362Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:35:21.368Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:38:41Z"
        }
    ]
}
2026-01-16T00:35:51.635Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:35:51.641Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:39:11Z"
```

```
        }
    ]
}
2026-01-16T00:36:21.923Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:36:21.927Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:39:41Z"
        }
    ]
}
2026-01-16T00:36:52.203Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:36:52.210Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:40:12Z"
        }
    ]
}
2026-01-16T00:37:22.487Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:37:22.493Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:40:42Z"
        }
    ]
}
2026-01-16T00:37:52.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:37:52.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:41:12Z"
        }
    ]
}
2026-01-16T00:38:23.042Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:38:23.051Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:41:43Z"
        }
    ]
}
2026-01-16T00:38:53.325Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:38:53.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:42:13Z"
        }
    ]
}
2026-01-16T00:39:23.615Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:39:23.621Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:42:43Z"
        }
    ]
}
2026-01-16T00:39:53.892Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:39:53.900Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T00:43:13Z"
        }
    ]
}
2026-01-16T00:40:24.171Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:40:24.176Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:43:44Z"
        }
    ]
}
2026-01-16T00:40:54.453Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:40:54.457Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:44:14Z"
        }
    ]
}
2026-01-16T00:41:24.730Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T00:41:24.736Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:44:44Z"
            }
      ]
}
2026-01-16T00:41:55.010Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T00:41:55.016Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:45:15Z"
            }
      ]
}
2026-01-16T00:42:25.292Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T00:42:25.299Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T00:45:45Z"
            }
      ]
}
2026-01-16T00:42:55.575Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:42:55.579Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:46:15Z"
        }
    ]
}
2026-01-16T00:43:25.861Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:43:25.868Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:46:45Z"
        }
    ]
}
2026-01-16T00:43:56.137Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:43:56.141Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:47:16Z"
            }
        ]
}
2026-01-16T00:44:26.414Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:44:26.421Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:47:46Z"
            }
        ]
}
2026-01-16T00:44:56.696Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:44:56.706Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T00:48:16Z"
            }
        ]
}
2026-01-16T00:45:26.976Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T00:45:26.983Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:48:46Z"
        }
    ]
}
2026-01-16T00:45:57.260Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:45:57.266Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:49:17Z"
        }
    ]
}
2026-01-16T00:46:27.546Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:46:27.552Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:49:47Z"
        }
    ]
```

```
}
2026-01-16T00:46:57.828Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:46:57.835Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:50:17Z"
        }
    ]
}
2026-01-16T00:47:28.108Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:47:28.115Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:50:48Z"
        }
    ]
}
2026-01-16T00:47:58.388Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:47:58.394Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:51:18Z"
        }
    ]
}
2026-01-16T00:48:28.671Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:48:28.676Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:51:48Z"
        }
    ]
}
2026-01-16T00:48:58.951Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:48:58.957Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:52:18Z"
        }
    ]
}
2026-01-16T00:49:29.240Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T00:49:29.244Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:52:49Z"
        }
    ]
}
2026-01-16T00:49:59.529Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:49:59.535Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:53:19Z"
        }
    ]
}
2026-01-16T00:50:29.808Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:50:29.812Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:53:49Z"
```

```
        }
    ]
}
2026-01-16T00:51:00.108Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:51:00.112Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:54:20Z"
        }
    ]
}
2026-01-16T00:51:30.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:51:30.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:54:50Z"
        }
    ]
}
2026-01-16T00:52:00.661Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:52:00.668Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:55:20Z"
        }
    ]
}
2026-01-16T00:52:30.941Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:52:30.947Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:55:50Z"
        }
    ]
}
2026-01-16T00:53:01.220Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:53:01.224Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:56:21Z"
        }
    ]
}
2026-01-16T00:53:31.492Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:53:31.497Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:56:51Z"
        }
    ]
}
2026-01-16T00:54:01.779Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:54:01.786Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:57:21Z"
        }
    ]
}
2026-01-16T00:54:32.059Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:54:32.065Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T00:57:52Z"
        }
    ]
}
2026-01-16T00:55:02.345Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:55:02.349Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:58:22Z"
        }
    ]
}
2026-01-16T00:55:32.621Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:55:32.627Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:58:52Z"
        }
    ]
}
2026-01-16T00:56:02.897Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T00:56:02.901Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:59:22Z"
        }
    ]
}
2026-01-16T00:56:33.178Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:56:33.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T00:59:53Z"
        }
    ]
}
2026-01-16T00:57:03.454Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:57:03.460Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:00:23Z"
        }
    ]
}
2026-01-16T00:57:33.730Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:57:33.736Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:00:53Z"
        }
    ]
}
2026-01-16T00:58:04.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:58:04.020Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:01:24Z"
        }
    ]
}
2026-01-16T00:58:34.302Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:58:34.308Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:01:54Z"
            }
        ]
}
2026-01-16T00:59:04.578Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:59:04.582Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:02:24Z"
        }
    ]
}
2026-01-16T00:59:34.854Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T00:59:34.859Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:02:54Z"
        }
    ]
}
2026-01-16T01:00:05.187Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T01:00:05.193Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:03:25Z"
        }
    ]
}
2026-01-16T01:00:35.473Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:00:35.479Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:03:55Z"
        }
    ]
}
2026-01-16T01:01:05.750Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:01:05.756Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:04:25Z"
        }
    ]
```

```
}
2026-01-16T01:01:36.035Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:01:36.040Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:04:56Z"
        }
    ]
}
2026-01-16T01:02:06.331Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:02:06.335Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:05:26Z"
        }
    ]
}
2026-01-16T01:02:36.608Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:02:36.618Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:05:56Z"
        }
    ]
}
2026-01-16T01:03:06.891Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:03:06.895Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:06:26Z"
        }
    ]
}
2026-01-16T01:03:37.163Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:03:37.168Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:06:57Z"
        }
    ]
}
2026-01-16T01:04:07.448Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:04:07.457Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:07:27Z"
        }
    ]
}
2026-01-16T01:04:37.733Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:04:37.737Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:07:57Z"
        }
    ]
}
2026-01-16T01:05:08.013Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:05:08.019Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:08:28Z"
```

```
        }
    ]
}
2026-01-16T01:05:38.289Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:05:38.296Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:08:58Z"
        }
    ]
}
2026-01-16T01:06:08.569Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:06:08.573Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:09:28Z"
        }
    ]
}
2026-01-16T01:06:38.845Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:06:38.851Z - INFO - engine sent successfully, the response to CBRS    : {
```

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    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:09:58Z"
        }
    ]
}
2026-01-16T01:07:09.124Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:07:09.130Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:10:29Z"
        }
    ]
}
2026-01-16T01:07:39.407Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:07:39.413Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:10:59Z"
        }
    ]
}
2026-01-16T01:08:09.701Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:08:09.709Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:11:29Z"
        }
    ]
}
2026-01-16T01:08:39.987Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:08:39.993Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:11:59Z"
        }
    ]
}
2026-01-16T01:09:10.267Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:09:10.273Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T01:12:30Z"
        }
    ]
}
2026-01-16T01:09:40.545Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:09:40.551Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:13:00Z"
        }
    ]
}
2026-01-16T01:10:10.872Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:10:10.878Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:13:30Z"
        }
    ]
}
2026-01-16T01:10:41.151Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T01:10:41.155Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:14:01Z"
            }
      ]
}
2026-01-16T01:11:11.427Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T01:11:11.433Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:14:31Z"
            }
      ]
}
2026-01-16T01:11:41.700Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T01:11:41.707Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:15:01Z"
            }
      ]
}
2026-01-16T01:12:11.980Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:12:11.986Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:15:31Z"
        }
    ]
}
2026-01-16T01:12:42.260Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:12:42.266Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:16:02Z"
        }
    ]
}
2026-01-16T01:13:12.540Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:13:12.548Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:16:32Z"
            }
        ]
}
2026-01-16T01:13:42.821Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:13:42.826Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:17:02Z"
        }
    ]
}
2026-01-16T01:14:13.108Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:14:13.115Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:17:33Z"
        }
    ]
}
2026-01-16T01:14:43.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T01:14:43.391Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:18:03Z"
        }
    ]
}
2026-01-16T01:15:13.664Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:15:13.670Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:18:33Z"
        }
    ]
}
2026-01-16T01:15:43.943Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:15:43.948Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:19:03Z"
        }
    ]
```

```
}
2026-01-16T01:16:14.220Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:16:14.224Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:19:34Z"
        }
    ]
}
2026-01-16T01:16:44.503Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:16:44.509Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:20:04Z"
        }
    ]
}
2026-01-16T01:17:14.786Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:17:14.792Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:20:34Z"
            }
        ]
}
2026-01-16T01:17:45.072Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:17:45.078Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:21:05Z"
            }
        ]
}
2026-01-16T01:18:15.355Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:18:15.361Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:21:35Z"
            }
        ]
}
2026-01-16T01:18:45.641Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:18:45.648Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:22:05Z"
        }
    ]
}
2026-01-16T01:19:15.924Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:19:15.930Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:22:35Z"
        }
    ]
}
2026-01-16T01:19:46.209Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:19:46.214Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:23:06Z"
```

```
            }
        ]
}
2026-01-16T01:20:16.503Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:20:16.509Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:23:36Z"
        }
    ]
}
2026-01-16T01:20:46.782Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:20:46.786Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:24:06Z"
        }
    ]
}
2026-01-16T01:21:17.065Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:21:17.071Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:24:37Z"
        }
    ]
}
2026-01-16T01:21:47.345Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:21:47.349Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:25:07Z"
        }
    ]
}
2026-01-16T01:22:17.624Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:22:17.630Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:25:37Z"
        }
    ]
}
2026-01-16T01:22:47.901Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:22:47.905Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:26:07Z"
        }
    ]
}
2026-01-16T01:23:18.178Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:23:18.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:26:38Z"
        }
    ]
}
2026-01-16T01:23:48.457Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:23:48.463Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T01:27:08Z"
        }
    ]
}
2026-01-16T01:24:18.742Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:24:18.747Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:27:38Z"
        }
    ]
}
2026-01-16T01:24:49.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:24:49.023Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:28:09Z"
        }
    ]
}
2026-01-16T01:25:19.301Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T01:25:19.305Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:28:39Z"
            }
      ]
}
2026-01-16T01:25:49.575Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T01:25:49.582Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:29:09Z"
            }
      ]
}
2026-01-16T01:26:19.892Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T01:26:19.898Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:29:39Z"
            }
      ]
}
2026-01-16T01:26:50.190Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:26:50.196Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:30:10Z"
        }
    ]
}
2026-01-16T01:27:20.466Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:27:20.471Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:30:40Z"
        }
    ]
}
2026-01-16T01:27:50.742Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:27:50.747Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:31:10Z"
            }
        ]
}
2026-01-16T01:28:21.023Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:28:21.029Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:31:41Z"
        }
    ]
}
2026-01-16T01:28:51.305Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:28:51.309Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:32:11Z"
        }
    ]
}
2026-01-16T01:29:21.576Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T01:29:21.582Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:32:41Z"
        }
    ]
}
2026-01-16T01:29:51.858Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:29:51.865Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:33:11Z"
        }
    ]
}
2026-01-16T01:30:22.135Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:30:22.141Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:33:42Z"
        }
    ]
```

```
}
2026-01-16T01:30:52.414Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:30:52.421Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:34:12Z"
        }
    ]
}
2026-01-16T01:31:22.701Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:31:22.707Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:34:42Z"
        }
    ]
}
2026-01-16T01:31:52.987Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:31:52.993Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:35:12Z"
            }
        ]
}
2026-01-16T01:32:23.272Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:32:23.278Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:35:43Z"
            }
        ]
}
2026-01-16T01:32:53.549Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:32:53.555Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:36:13Z"
            }
        ]
}
2026-01-16T01:33:23.828Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:33:23.832Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:36:43Z"
        }
    ]
}
2026-01-16T01:33:54.107Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:33:54.112Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:37:14Z"
        }
    ]
}
2026-01-16T01:34:24.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:34:24.390Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:37:44Z"
```

```
            }
        ]
}
2026-01-16T01:34:54.657Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:34:54.665Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:38:14Z"
        }
    ]
}
2026-01-16T01:35:24.937Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:35:24.941Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:38:44Z"
        }
    ]
}
2026-01-16T01:35:55.214Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:35:55.220Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:39:15Z"
        }
    ]
}
2026-01-16T01:36:25.497Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:36:25.503Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:39:45Z"
        }
    ]
}
2026-01-16T01:36:55.782Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:36:55.789Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:40:15Z"
        }
    ]
}
2026-01-16T01:37:26.069Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:37:26.075Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:40:46Z"
        }
    ]
}
2026-01-16T01:37:56.361Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:37:56.368Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:41:16Z"
        }
    ]
}
2026-01-16T01:38:26.641Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:38:26.645Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T01:41:46Z"
        }
    ]
}
2026-01-16T01:38:56.918Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:38:56.928Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:42:16Z"
        }
    ]
}
2026-01-16T01:39:27.204Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:39:27.210Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:42:47Z"
        }
    ]
}
2026-01-16T01:39:57.484Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T01:39:57.490Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:43:17Z"
            }
      ]
}
2026-01-16T01:40:27.763Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T01:40:27.769Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:43:47Z"
            }
      ]
}
2026-01-16T01:40:58.049Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T01:40:58.055Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T01:44:18Z"
            }
      ]
}
2026-01-16T01:41:28.328Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:41:28.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:44:48Z"
        }
    ]
}
2026-01-16T01:41:58.602Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:41:58.608Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:45:18Z"
        }
    ]
}
2026-01-16T01:42:28.887Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:42:28.892Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:45:48Z"
            }
        ]
}
2026-01-16T01:42:59.161Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:42:59.168Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:46:19Z"
            }
        ]
}
2026-01-16T01:43:29.450Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:43:29.454Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:46:49Z"
            }
        ]
}
2026-01-16T01:43:59.734Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T01:43:59.740Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:47:19Z"
        }
    ]
}
2026-01-16T01:44:30.053Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:44:30.059Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:47:50Z"
        }
    ]
}
2026-01-16T01:45:00.335Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:45:00.339Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:48:20Z"
        }
    ]
```

```
}
2026-01-16T01:45:30.621Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:45:30.627Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:48:50Z"
        }
    ]
}
2026-01-16T01:46:00.904Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:46:00.910Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:49:20Z"
        }
    ]
}
2026-01-16T01:46:31.180Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:46:31.186Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:49:51Z"
            }
        ]
}
2026-01-16T01:47:01.457Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:47:01.461Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:50:21Z"
            }
        ]
}
2026-01-16T01:47:31.736Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:47:31.743Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T01:50:51Z"
            }
        ]
}
2026-01-16T01:48:02.016Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:48:02.020Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:51:22Z"
        }
    ]
}
2026-01-16T01:48:32.292Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:48:32.296Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:51:52Z"
        }
    ]
}
2026-01-16T01:49:02.573Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:49:02.579Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:52:22Z"
```

```
        }
    ]
}
2026-01-16T01:49:32.851Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:49:32.857Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:52:52Z"
        }
    ]
}
2026-01-16T01:50:03.161Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:50:03.167Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:53:23Z"
        }
    ]
}
2026-01-16T01:50:33.454Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:50:33.460Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:53:53Z"
        }
    ]
}
2026-01-16T01:51:03.730Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:51:03.736Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:54:23Z"
        }
    ]
}
2026-01-16T01:51:34.009Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:51:34.013Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:54:54Z"
        }
    ]
}
2026-01-16T01:52:04.288Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T01:52:04.292Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:55:24Z"
        }
    ]
}
2026-01-16T01:52:34.572Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:52:34.578Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:55:54Z"
        }
    ]
}
2026-01-16T01:53:04.852Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:53:04.858Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T01:56:24Z"
        }
    ]
}
2026-01-16T01:53:35.137Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:53:35.142Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:56:55Z"
        }
    ]
}
2026-01-16T01:54:05.411Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:54:05.418Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:57:25Z"
        }
    ]
}
2026-01-16T01:54:35.688Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T01:54:35.694Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:57:55Z"
        }
    ]
}
2026-01-16T01:55:05.970Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:55:05.974Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:58:25Z"
        }
    ]
}
2026-01-16T01:55:36.257Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:55:36.263Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:58:56Z"
        }
    ]
}
2026-01-16T01:56:06.532Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:56:06.539Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:59:26Z"
        }
    ]
}
2026-01-16T01:56:36.818Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:56:36.822Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T01:59:56Z"
        }
    ]
}
2026-01-16T01:57:07.101Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:57:07.108Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:00:27Z"
            }
        ]
}
2026-01-16T01:57:37.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:57:37.390Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:00:57Z"
        }
    ]
}
2026-01-16T01:58:07.663Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:58:07.667Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:01:27Z"
        }
    ]
}
2026-01-16T01:58:37.947Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T01:58:37.953Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:01:57Z"
        }
    ]
}
2026-01-16T01:59:08.240Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:59:08.246Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:02:28Z"
        }
    ]
}
2026-01-16T01:59:38.526Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T01:59:38.532Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:02:58Z"
        }
    ]
```

```
}
2026-01-16T02:00:08.842Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:00:08.848Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:03:28Z"
        }
    ]
}
2026-01-16T02:00:39.125Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:00:39.131Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:03:59Z"
        }
    ]
}
2026-01-16T02:01:09.418Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:01:09.424Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:04:29Z"
        }
    ]
}
2026-01-16T02:01:39.697Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:01:39.703Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:04:59Z"
        }
    ]
}
2026-01-16T02:02:10.019Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:02:10.025Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:05:30Z"
        }
    ]
}
2026-01-16T02:02:40.306Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:02:40.312Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:06:00Z"
        }
    ]
}
2026-01-16T02:03:10.591Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:03:10.595Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:06:30Z"
        }
    ]
}
2026-01-16T02:03:40.915Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:03:40.921Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:07:00Z"
```

```
        }
    ]
}
2026-01-16T02:04:11.224Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:04:11.230Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:07:31Z"
        }
    ]
}
2026-01-16T02:04:41.529Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:04:41.535Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:08:01Z"
        }
    ]
}
2026-01-16T02:05:11.829Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:05:11.836Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:08:31Z"
        }
    ]
}
2026-01-16T02:05:42.127Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:05:42.131Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:09:02Z"
        }
    ]
}
2026-01-16T02:06:12.434Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:06:12.441Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:09:32Z"
        }
    ]
}
2026-01-16T02:06:42.740Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:06:42.746Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:10:02Z"
        }
    ]
}
2026-01-16T02:07:13.049Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:07:13.056Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:10:33Z"
        }
    ]
}
2026-01-16T02:07:43.365Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:07:43.371Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T02:11:03Z"
        }
    ]
}
2026-01-16T02:08:13.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:08:13.677Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:11:33Z"
        }
    ]
}
2026-01-16T02:08:43.979Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:08:43.984Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:12:03Z"
        }
    ]
}
2026-01-16T02:09:14.282Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T02:09:14.286Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:12:34Z"
            }
      ]
}
2026-01-16T02:09:44.585Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T02:09:44.589Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:13:04Z"
            }
      ]
}
2026-01-16T02:10:14.915Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T02:10:14.921Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:13:34Z"
            }
      ]
}
2026-01-16T02:10:45.198Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:10:45.203Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:14:05Z"
        }
    ]
}
2026-01-16T02:11:00.026Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
            ],
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3570000000,
```

```
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3660000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3670000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3680000000,
            "measRcvdPower": -99
        },
        {
```

```
                        "measBandwidth": 10000000,
                        "measFrequency": 3690000000,
                        "measRcvdPower": -99
                    }
                ]
            }
        }
    ]
}
```


2026-01-16T02:11:00.036Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0

2026-01-16T02:11:00.036Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0

2026-01-16T02:11:00.039Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0

2026-01-16T02:11:00.039Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0

2026-01-16T02:11:00.046Z - INFO - engine sent successfully, the response to CBRS : {


```
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                }
            ],
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T02:11:15.483Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:11:15.489Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:14:35Z"
        }
    ]
}
2026-01-16T02:11:45.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:11:45.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:15:05Z"
        }
    ]
}
2026-01-16T02:12:16.042Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T02:12:16.049Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:15:36Z"
        }
    ]
}
2026-01-16T02:12:46.332Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:12:46.338Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:16:06Z"
        }
    ]
}
2026-01-16T02:13:16.615Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:13:16.621Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:16:36Z"
        }
    ]
```

```
}
2026-01-16T02:13:46.903Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:13:46.908Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:17:06Z"
        }
    ]
}
2026-01-16T02:14:17.210Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:14:17.216Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:17:37Z"
        }
    ]
}
2026-01-16T02:14:47.519Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:14:47.525Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:18:07Z"
            }
        ]
}
2026-01-16T02:15:17.823Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:15:17.829Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:18:37Z"
            }
        ]
}
2026-01-16T02:15:48.134Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:15:48.141Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:19:08Z"
            }
        ]
}
2026-01-16T02:16:18.443Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:16:18.447Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:19:38Z"
        }
    ]
}
2026-01-16T02:16:48.746Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:16:48.753Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:20:08Z"
        }
    ]
}
2026-01-16T02:17:19.039Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:17:19.045Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:20:39Z"
```

```
        }
    ]
}
2026-01-16T02:17:49.345Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:17:49.351Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:21:09Z"
        }
    ]
}
2026-01-16T02:18:19.648Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:18:19.654Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:21:39Z"
        }
    ]
}
2026-01-16T02:18:49.950Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:18:49.956Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:22:09Z"
        }
    ]
}
2026-01-16T02:19:20.232Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:19:20.237Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:22:40Z"
        }
    ]
}
2026-01-16T02:19:50.509Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:19:50.515Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:23:10Z"
        }
    ]
}
2026-01-16T02:20:20.831Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:20:20.836Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:23:40Z"
        }
    ]
}
2026-01-16T02:20:51.108Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:20:51.115Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:24:11Z"
        }
    ]
}
2026-01-16T02:21:21.407Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:21:21.411Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-16T02:24:41Z"
            }
        ]
}
2026-01-16T02:21:51.687Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:21:51.693Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:25:11Z"
        }
    ]
}
2026-01-16T02:22:21.964Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:22:21.970Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:25:41Z"
        }
    ]
}
2026-01-16T02:22:52.246Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T02:22:52.252Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:26:12Z"
            }
      ]
}
2026-01-16T02:23:22.530Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T02:23:22.536Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:26:42Z"
            }
      ]
}
2026-01-16T02:23:52.809Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T02:23:52.815Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:27:12Z"
            }
      ]
}
2026-01-16T02:24:23.098Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:24:23.102Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:27:43Z"
        }
    ]
}
2026-01-16T02:24:53.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:24:53.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:28:13Z"
        }
    ]
}
2026-01-16T02:25:23.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:25:23.680Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:28:43Z"
            }
        ]
}
2026-01-16T02:25:53.959Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:25:53.963Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:29:13Z"
            }
        ]
}
2026-01-16T02:26:24.240Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:26:24.246Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:29:44Z"
            }
        ]
}
2026-01-16T02:26:54.522Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T02:26:54.528Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:30:14Z"
        }
    ]
}
2026-01-16T02:27:24.805Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:27:24.811Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:30:44Z"
        }
    ]
}
2026-01-16T02:27:55.091Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:27:55.095Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:31:15Z"
        }
    ]
```

```
}
2026-01-16T02:28:25.371Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:28:25.378Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:31:45Z"
        }
    ]
}
2026-01-16T02:28:55.660Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:28:55.664Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:32:15Z"
        }
    ]
}
2026-01-16T02:29:25.946Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:29:25.950Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:32:45Z"
            }
        ]
}
2026-01-16T02:29:56.232Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:29:56.237Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:33:16Z"
            }
        ]
}
2026-01-16T02:30:26.516Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:30:26.523Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:33:46Z"
            }
        ]
}
2026-01-16T02:30:56.799Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:30:56.805Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:34:16Z"
        }
    ]
}
2026-01-16T02:31:27.076Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:31:27.082Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:34:47Z"
        }
    ]
}
2026-01-16T02:31:57.359Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:31:57.365Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:35:17Z"
```

```
        }
    ]
}
2026-01-16T02:32:27.644Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:32:27.651Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:35:47Z"
        }
    ]
}
2026-01-16T02:32:57.930Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:32:57.936Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:36:17Z"
        }
    ]
}
2026-01-16T02:33:28.230Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:33:28.236Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:36:48Z"
        }
    ]
}
2026-01-16T02:33:58.532Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:33:58.538Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:37:18Z"
        }
    ]
}
2026-01-16T02:34:28.834Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:34:28.838Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:37:48Z"
        }
    ]
}
2026-01-16T02:34:59.142Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:34:59.150Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:38:19Z"
        }
    ]
}
2026-01-16T02:35:29.446Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:35:29.450Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:38:49Z"
        }
    ]
}
2026-01-16T02:35:59.750Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:35:59.756Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T02:39:19Z"
        }
    ]
}
2026-01-16T02:36:30.078Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:36:30.084Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:39:50Z"
        }
    ]
}
2026-01-16T02:37:00.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:37:00.394Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:40:20Z"
        }
    ]
}
2026-01-16T02:37:30.693Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T02:37:30.700Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:40:50Z"
            }
      ]
}
2026-01-16T02:38:00.993Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T02:38:00.997Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:41:20Z"
            }
      ]
}
2026-01-16T02:38:31.302Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T02:38:31.306Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T02:41:51Z"
            }
      ]
}
2026-01-16T02:39:01.605Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:39:01.611Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:42:21Z"
        }
    ]
}
2026-01-16T02:39:31.918Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:39:31.924Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:42:51Z"
        }
    ]
}
2026-01-16T02:40:02.223Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:40:02.230Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:43:22Z"
            }
        ]
}
2026-01-16T02:40:32.526Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:40:32.530Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:43:52Z"
            }
        ]
}
2026-01-16T02:41:02.828Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:41:02.834Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:44:22Z"
            }
        ]
}
2026-01-16T02:41:33.138Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T02:41:33.144Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:44:53Z"
        }
    ]
}
2026-01-16T02:42:03.453Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:42:03.457Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:45:23Z"
        }
    ]
}
2026-01-16T02:42:33.756Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:42:33.762Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:45:53Z"
        }
    ]
```

```
}
2026-01-16T02:43:04.061Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:43:04.068Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:46:24Z"
        }
    ]
}
2026-01-16T02:43:34.365Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:43:34.371Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:46:54Z"
        }
    ]
}
2026-01-16T02:44:04.668Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:44:04.674Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:47:24Z"
            }
        ]
}
2026-01-16T02:44:34.976Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:44:34.980Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:47:54Z"
            }
        ]
}
2026-01-16T02:45:05.286Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:45:05.292Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:48:25Z"
            }
        ]
}
2026-01-16T02:45:35.592Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:45:35.598Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:48:55Z"
        }
    ]
}
2026-01-16T02:46:05.907Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:46:05.913Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:49:25Z"
        }
    ]
}
2026-01-16T02:46:36.221Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:46:36.226Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:49:56Z"
```

```
        }
    ]
}
2026-01-16T02:47:06.528Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:47:06.532Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:50:26Z"
        }
    ]
}
2026-01-16T02:47:36.828Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:47:36.834Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:50:56Z"
        }
    ]
}
2026-01-16T02:48:07.131Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:48:07.135Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:51:27Z"
        }
    ]
}
2026-01-16T02:48:37.437Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:48:37.443Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:51:57Z"
        }
    ]
}
2026-01-16T02:49:07.743Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:49:07.750Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:52:27Z"
        }
    ]
}
2026-01-16T02:49:38.056Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:49:38.062Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:52:58Z"
        }
    ]
}
2026-01-16T02:50:08.391Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:50:08.398Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:53:28Z"
        }
    ]
}
2026-01-16T02:50:38.706Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:50:38.713Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T02:53:58Z"
        }
    ]
}
2026-01-16T02:51:09.020Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:51:09.026Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:54:29Z"
        }
    ]
}
2026-01-16T02:51:39.336Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:51:39.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:54:59Z"
        }
    ]
}
2026-01-16T02:52:09.644Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T02:52:09.648Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:55:29Z"
        }
    ]
}
2026-01-16T02:52:39.963Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:52:39.967Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:55:59Z"
        }
    ]
}
2026-01-16T02:53:10.262Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:53:10.267Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:56:30Z"
        }
    ]
}
2026-01-16T02:53:40.569Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:53:40.575Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:57:00Z"
        }
    ]
}
2026-01-16T02:54:10.871Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:54:10.878Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:57:30Z"
        }
    ]
}
2026-01-16T02:54:41.186Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:54:41.191Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T02:58:01Z"
            }
        ]
}
2026-01-16T02:55:11.490Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:55:11.494Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:58:31Z"
        }
    ]
}
2026-01-16T02:55:41.803Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:55:41.809Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:59:01Z"
        }
    ]
}
2026-01-16T02:56:12.107Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T02:56:12.111Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T02:59:32Z"
        }
    ]
}
2026-01-16T02:56:42.407Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:56:42.414Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:00:02Z"
        }
    ]
}
2026-01-16T02:57:12.713Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:57:12.719Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:00:32Z"
        }
    ]
```

```
}
2026-01-16T02:57:43.025Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:57:43.030Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:01:03Z"
        }
    ]
}
2026-01-16T02:58:13.342Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:58:13.348Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:01:33Z"
        }
    ]
}
2026-01-16T02:58:43.658Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T02:58:43.665Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:02:03Z"
            }
        ]
}
2026-01-16T02:59:13.963Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:59:13.969Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:02:33Z"
            }
        ]
}
2026-01-16T02:59:44.260Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T02:59:44.266Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:03:04Z"
            }
        ]
}
2026-01-16T03:00:14.740Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:00:14.746Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:03:34Z"
        }
    ]
}
2026-01-16T03:00:45.042Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:00:45.049Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:04:05Z"
        }
    ]
}
2026-01-16T03:01:15.338Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:01:15.344Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:04:35Z"
```

```
        }
    ]
}
2026-01-16T03:01:45.638Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:01:45.644Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:05:05Z"
        }
    ]
}
2026-01-16T03:02:15.950Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:02:15.954Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:05:35Z"
        }
    ]
}
2026-01-16T03:02:46.262Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:02:46.267Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:06:06Z"
        }
    ]
}
2026-01-16T03:03:16.563Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:03:16.569Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:06:36Z"
        }
    ]
}
2026-01-16T03:03:46.868Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:03:46.875Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:07:06Z"
        }
    ]
}
2026-01-16T03:04:17.178Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:04:17.184Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:07:37Z"
            }
        ]
}
2026-01-16T03:04:47.487Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:04:47.493Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:08:07Z"
            }
        ]
}
2026-01-16T03:05:17.783Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:05:17.789Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T03:08:37Z"
        }
    ]
}
2026-01-16T03:05:48.082Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:05:48.088Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:09:08Z"
        }
    ]
}
2026-01-16T03:06:18.384Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:06:18.388Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:09:38Z"
        }
    ]
}
2026-01-16T03:06:48.690Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T03:06:48.696Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:10:08Z"
        }
    ]
}
2026-01-16T03:07:18.994Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:07:19.000Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:10:39Z"
        }
    ]
}
2026-01-16T03:07:49.303Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:07:49.309Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:11:09Z"
        }
    ]
}
2026-01-16T03:08:19.614Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:08:19.619Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:11:39Z"
        }
    ]
}
2026-01-16T03:08:49.944Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:08:49.950Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:12:09Z"
        }
    ]
}
2026-01-16T03:09:20.247Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:09:20.253Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:12:40Z"
            }
        ]
}
2026-01-16T03:09:50.556Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:09:50.562Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:13:10Z"
            }
        ]
}
2026-01-16T03:10:20.927Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:10:20.931Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:13:40Z"
            }
        ]
}
2026-01-16T03:10:51.236Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T03:10:51.242Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:14:11Z"
        }
    ]
}
2026-01-16T03:11:21.540Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:11:21.546Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:14:41Z"
        }
    ]
}
2026-01-16T03:11:51.852Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:11:51.858Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:15:11Z"
        }
    ]
```

```
}
2026-01-16T03:12:22.173Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:12:22.178Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:15:42Z"
        }
    ]
}
2026-01-16T03:12:52.480Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:12:52.486Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:16:12Z"
        }
    ]
}
2026-01-16T03:13:22.766Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:13:22.772Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:16:42Z"
            }
        ]
}
2026-01-16T03:13:53.052Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:13:53.058Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:17:13Z"
            }
        ]
}
2026-01-16T03:14:23.348Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:14:23.354Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:17:43Z"
            }
        ]
}
2026-01-16T03:14:53.635Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:14:53.641Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:18:13Z"
        }
    ]
}
2026-01-16T03:15:23.920Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:15:23.926Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:18:43Z"
        }
    ]
}
2026-01-16T03:15:54.204Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:15:54.210Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:19:14Z"
```

```
        }
    ]
}
2026-01-16T03:16:24.484Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:16:24.490Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:19:44Z"
        }
    ]
}
2026-01-16T03:16:54.766Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:16:54.772Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:20:14Z"
        }
    ]
}
2026-01-16T03:17:25.048Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:17:25.053Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:20:45Z"
        }
    ]
}
2026-01-16T03:17:55.325Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:17:55.332Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:21:15Z"
        }
    ]
}
2026-01-16T03:18:25.612Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:18:25.618Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:21:45Z"
        }
    ]
}
2026-01-16T03:18:55.903Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:18:55.907Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:22:15Z"
        }
    ]
}
2026-01-16T03:19:26.187Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:19:26.193Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:22:46Z"
        }
    ]
}
2026-01-16T03:19:56.469Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:19:56.473Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T03:23:16Z"
        }
    ]
}
2026-01-16T03:20:26.755Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:20:26.760Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:23:46Z"
        }
    ]
}
2026-01-16T03:20:57.049Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:20:57.055Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:24:17Z"
        }
    ]
}
2026-01-16T03:21:27.334Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T03:21:27.341Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:24:47Z"
        }
    ]
}
2026-01-16T03:21:57.618Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:21:57.624Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:25:17Z"
        }
    ]
}
2026-01-16T03:22:27.905Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:22:27.911Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:25:47Z"
        }
    ]
}
2026-01-16T03:22:58.178Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:22:58.184Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:26:18Z"
        }
    ]
}
2026-01-16T03:23:28.459Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:23:28.463Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:26:48Z"
        }
    ]
}
2026-01-16T03:23:58.739Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:23:58.743Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:27:18Z"
            }
        ]
}
2026-01-16T03:24:29.015Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:24:29.019Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:27:49Z"
        }
    ]
}
2026-01-16T03:24:59.296Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:24:59.302Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:28:19Z"
        }
    ]
}
2026-01-16T03:25:29.578Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T03:25:29.584Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:28:49Z"
        }
    ]
}
2026-01-16T03:25:59.865Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:25:59.871Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:29:19Z"
        }
    ]
}
2026-01-16T03:26:30.151Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:26:30.155Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:29:50Z"
        }
    ]
```

```
}
2026-01-16T03:27:00.434Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:27:00.440Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:30:20Z"
        }
    ]
}
2026-01-16T03:27:30.713Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:27:30.719Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:30:50Z"
        }
    ]
}
2026-01-16T03:28:00.992Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:28:00.996Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:31:20Z"
            }
        ]
}
2026-01-16T03:28:31.263Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:28:31.269Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:31:51Z"
            }
        ]
}
2026-01-16T03:29:01.542Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:29:01.548Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:32:21Z"
            }
        ]
}
2026-01-16T03:29:31.822Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:29:31.828Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:32:51Z"
        }
    ]
}
2026-01-16T03:30:02.134Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:30:02.138Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:33:22Z"
        }
    ]
}
2026-01-16T03:30:32.428Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:30:32.434Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:33:52Z"
```

```
            }
        ]
}
2026-01-16T03:31:02.710Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:31:02.714Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:34:22Z"
        }
    ]
}
2026-01-16T03:31:32.990Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:31:32.996Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:34:52Z"
        }
    ]
}
2026-01-16T03:32:03.270Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:32:03.276Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:35:23Z"
        }
    ]
}
2026-01-16T03:32:33.549Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:32:33.553Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:35:53Z"
        }
    ]
}
2026-01-16T03:33:03.831Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:33:03.836Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:36:23Z"
        }
    ]
}
2026-01-16T03:33:34.105Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:33:34.111Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:36:54Z"
        }
    ]
}
2026-01-16T03:34:04.382Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:34:04.388Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:37:24Z"
        }
    ]
}
2026-01-16T03:34:34.664Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:34:34.670Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T03:37:54Z"
        }
    ]
}
2026-01-16T03:35:04.947Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:35:04.953Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:38:24Z"
        }
    ]
}
2026-01-16T03:35:35.236Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:35:35.240Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:38:55Z"
        }
    ]
}
2026-01-16T03:36:05.519Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T03:36:05.526Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T03:39:25Z"
            }
      ]
}
2026-01-16T03:36:35.801Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T03:36:35.805Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T03:39:55Z"
            }
      ]
}
2026-01-16T03:37:06.084Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T03:37:06.089Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T03:40:26Z"
            }
      ]
}
2026-01-16T03:37:36.361Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:37:36.365Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:40:56Z"
        }
    ]
}
2026-01-16T03:38:06.635Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:38:06.644Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:41:26Z"
        }
    ]
}
2026-01-16T03:38:36.933Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:38:36.938Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:41:56Z"
            }
        ]
}
2026-01-16T03:39:07.213Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:39:07.220Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:42:27Z"
            }
        ]
}
2026-01-16T03:39:37.502Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:39:37.507Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:42:57Z"
            }
        ]
}
2026-01-16T03:40:07.831Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-16T03:40:07.838Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:43:27Z"
            }
        ]
}
2026-01-16T03:40:38.121Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:40:38.125Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:43:58Z"
            }
        ]
}
2026-01-16T03:41:08.404Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:41:08.411Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:44:28Z"
            }
        ]
```

```
}
2026-01-16T03:41:38.688Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:41:38.694Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:44:58Z"
        }
    ]
}
2026-01-16T03:42:08.969Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:42:08.973Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:45:28Z"
        }
    ]
}
2026-01-16T03:42:39.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:42:39.259Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:45:59Z"
            }
        ]
}
2026-01-16T03:43:09.532Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:43:09.539Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:46:29Z"
            }
        ]
}
2026-01-16T03:43:39.846Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:43:39.851Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:46:59Z"
            }
        ]
}
2026-01-16T03:44:10.135Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:44:10.141Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:47:30Z"
        }
    ]
}
2026-01-16T03:44:40.424Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:44:40.430Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:48:00Z"
        }
    ]
}
2026-01-16T03:45:10.704Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:45:10.710Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:48:30Z"
```

```
        }
    ]
}
2026-01-16T03:45:40.996Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:45:41.002Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:49:01Z"
        }
    ]
}
2026-01-16T03:46:11.280Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:46:11.286Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:49:31Z"
        }
    ]
}
2026-01-16T03:46:41.562Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:46:41.568Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:50:01Z"
        }
    ]
}
2026-01-16T03:47:11.838Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:47:11.844Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:50:31Z"
        }
    ]
}
2026-01-16T03:47:42.112Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:47:42.118Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:51:02Z"
        }
    ]
}
2026-01-16T03:48:12.400Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:48:12.407Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:51:32Z"
        }
    ]
}
2026-01-16T03:48:42.710Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:48:42.716Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:52:02Z"
        }
    ]
}
2026-01-16T03:49:13.000Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:49:13.006Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T03:52:33Z"
        }
    ]
}
2026-01-16T03:49:43.283Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:49:43.289Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:53:03Z"
        }
    ]
}
2026-01-16T03:50:13.566Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:50:13.572Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:53:33Z"
        }
    ]
}
2026-01-16T03:50:43.854Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T03:50:43.858Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:54:03Z"
        }
    ]
}
2026-01-16T03:51:14.134Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:51:14.138Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:54:34Z"
        }
    ]
}
2026-01-16T03:51:44.415Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:51:44.421Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:55:04Z"
        }
    ]
}
2026-01-16T03:52:14.707Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:52:14.713Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:55:34Z"
        }
    ]
}
2026-01-16T03:52:44.980Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:52:44.987Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:56:04Z"
        }
    ]
}
2026-01-16T03:53:15.267Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:53:15.273Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:56:35Z"
            }
        ]
}
2026-01-16T03:53:45.551Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:53:45.558Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:57:05Z"
            }
        ]
}
2026-01-16T03:54:15.831Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:54:15.838Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T03:57:35Z"
            }
        ]
}
2026-01-16T03:54:46.109Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T03:54:46.118Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:58:06Z"
        }
    ]
}
2026-01-16T03:55:16.397Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:55:16.403Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:58:36Z"
        }
    ]
}
2026-01-16T03:55:46.678Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:55:46.684Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:59:06Z"
        }
    ]
```

```
}
2026-01-16T03:56:16.967Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:56:16.971Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T03:59:36Z"
        }
    ]
}
2026-01-16T03:56:47.250Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:56:47.256Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:00:07Z"
        }
    ]
}
2026-01-16T03:57:17.540Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:57:17.546Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:00:37Z"
            }
        ]
}
2026-01-16T03:57:47.819Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:57:47.825Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:01:07Z"
            }
        ]
}
2026-01-16T03:58:18.098Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:58:18.105Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:01:38Z"
            }
        ]
}
2026-01-16T03:58:48.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T03:58:48.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:02:08Z"
        }
    ]
}
2026-01-16T03:59:18.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:59:18.678Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:02:38Z"
        }
    ]
}
2026-01-16T03:59:48.956Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T03:59:48.960Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:03:08Z"
```

```
            }
        ]
}
2026-01-16T04:00:19.278Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:00:19.282Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:03:39Z"
        }
    ]
}
2026-01-16T04:00:49.555Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:00:49.559Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:04:09Z"
        }
    ]
}
2026-01-16T04:01:19.852Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:01:19.859Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:04:39Z"
        }
    ]
}
2026-01-16T04:01:50.141Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:01:50.148Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:05:10Z"
        }
    ]
}
2026-01-16T04:02:20.436Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:02:20.441Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:05:40Z"
        }
    ]
}
2026-01-16T04:02:50.719Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:02:50.724Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:06:10Z"
        }
    ]
}
2026-01-16T04:03:20.996Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:03:21.000Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:06:41Z"
        }
    ]
}
2026-01-16T04:03:51.273Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:03:51.279Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T04:07:11Z"
        }
    ]
}
2026-01-16T04:04:21.555Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:04:21.559Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:07:41Z"
        }
    ]
}
2026-01-16T04:04:51.831Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:04:51.836Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:08:11Z"
        }
    ]
}
2026-01-16T04:05:22.112Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T04:05:22.118Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:08:42Z"
        }
    ]
}
2026-01-16T04:05:52.394Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:05:52.398Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:09:12Z"
        }
    ]
}
2026-01-16T04:06:22.674Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:06:22.678Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:09:42Z"
        }
    ]
}
2026-01-16T04:06:52.959Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:06:52.964Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:10:12Z"
        }
    ]
}
2026-01-16T04:07:23.247Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:07:23.253Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:10:43Z"
        }
    ]
}
2026-01-16T04:07:53.542Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:07:53.546Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:11:13Z"
            }
        ]
}
2026-01-16T04:08:23.822Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:08:23.826Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:11:43Z"
        }
    ]
}
2026-01-16T04:08:54.109Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:08:54.115Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:12:14Z"
        }
    ]
}
2026-01-16T04:09:24.404Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T04:09:24.411Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:12:44Z"
        }
    ]
}
2026-01-16T04:09:54.696Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:09:54.701Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:13:14Z"
        }
    ]
}
2026-01-16T04:10:24.980Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:10:24.984Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:13:44Z"
        }
    ]
```

```
}
2026-01-16T04:10:55.267Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:10:55.273Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:14:15Z"
        }
    ]
}
2026-01-16T04:11:00.210Z - INFO - spectrumInquiry request from CBRS    : {
    "spectrumInquiryRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "inquiredSpectrum": [
                {
                    "highFrequency": 3640000000,
                    "lowFrequency": 3630000000
                },
                {
                    "highFrequency": 3650000000,
                    "lowFrequency": 3640000000
                },
                {
                    "highFrequency": 3660000000,
                    "lowFrequency": 3650000000
                },
                {
                    "highFrequency": 3670000000,
                    "lowFrequency": 3660000000
                }
            ],
            "measReport": {
                "rcvdPowerMeasReports": [
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3550000000,
                        "measRcvdPower": -99
                    },
                    {
                        "measBandwidth": 10000000,
                        "measFrequency": 3560000000,
                        "measRcvdPower": -99
                    },
                    {
```

```
            "measBandwidth": 10000000,
            "measFrequency": 3570000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3580000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3590000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3600000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3610000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3620000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3630000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3640000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3650000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3660000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3670000000,
            "measRcvdPower": -99
        },
        {
            "measBandwidth": 10000000,
            "measFrequency": 3680000000,
            "measRcvdPower": -99
```

```
                        },
                        {
                            "measBandwidth": 10000000,
                            "measFrequency": 3690000000,
                            "measRcvdPower": -99
                        }
                    ]
                }
            }
        ]
}
```

2026-01-16T04:11:00.220Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T04:11:00.220Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T04:11:00.224Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T04:11:00.226Z - INFO - The requested spectrum is in the range, SpectrumInquiry response code is 0
2026-01-16T04:11:00.226Z - INFO - engine sent successfully, the response to CBRS : {

```
    "spectrumInquiryResponse": [
        {
            "availableChannel": [
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3640000000,
                        "lowFrequency": 3630000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3650000000,
                        "lowFrequency": 3640000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3660000000,
                        "lowFrequency": 3650000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
                },
                {
                    "channelType": "GAA",
                    "frequencyRange": {
                        "highFrequency": 3670000000,
                        "lowFrequency": 3660000000
                    },
                    "maxEirp": 20,
                    "ruleApplied": "FCC_PART_96"
```

```
                }
            ],
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "response": {
                "responseCode": 0
            }
        }
    ]
}
2026-01-16T04:11:25.552Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:11:25.559Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:14:45Z"
        }
    ]
}
2026-01-16T04:11:55.831Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:11:55.836Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:15:15Z"
        }
    ]
}
2026-01-16T04:12:26.107Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:12:26.112Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:15:46Z"
        }
    ]
}
2026-01-16T04:12:56.382Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:12:56.388Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:16:16Z"
        }
    ]
}
2026-01-16T04:13:26.664Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:13:26.668Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:16:46Z"
```

```
            }
        ]
}
2026-01-16T04:13:56.946Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:13:56.953Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:17:16Z"
            }
        ]
}
2026-01-16T04:14:27.240Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:14:27.253Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:17:47Z"
            }
        ]
}
2026-01-16T04:14:57.526Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:14:57.532Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:18:17Z"
        }
    ]
}
2026-01-16T04:15:27.809Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:15:27.815Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:18:47Z"
        }
    ]
}
2026-01-16T04:15:58.092Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:15:58.098Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:19:18Z"
        }
    ]
}
2026-01-16T04:16:28.381Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:16:28.387Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:19:48Z"
        }
    ]
}
2026-01-16T04:16:58.665Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:16:58.671Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:20:18Z"
        }
    ]
}
2026-01-16T04:17:28.950Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:17:28.956Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T04:20:48Z"
        }
    ]
}
2026-01-16T04:17:59.233Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:17:59.239Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:21:19Z"
        }
    ]
}
2026-01-16T04:18:29.513Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:18:29.519Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:21:49Z"
        }
    ]
}
2026-01-16T04:18:59.832Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T04:18:59.838Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T04:22:19Z"
            }
      ]
}
2026-01-16T04:19:30.119Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T04:19:30.125Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T04:22:50Z"
            }
      ]
}
2026-01-16T04:20:00.408Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T04:20:00.414Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T04:23:20Z"
            }
      ]
}
2026-01-16T04:20:30.694Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:20:30.700Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:23:50Z"
        }
    ]
}
2026-01-16T04:21:00.971Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:21:00.977Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:24:20Z"
        }
    ]
}
2026-01-16T04:21:31.253Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:21:31.257Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:24:51Z"
            }
        ]
}
2026-01-16T04:22:01.540Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:22:01.546Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:25:21Z"
        }
    ]
}
2026-01-16T04:22:31.815Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:22:31.822Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:25:51Z"
        }
    ]
}
2026-01-16T04:23:02.105Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T04:23:02.111Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:26:22Z"
        }
    ]
}
2026-01-16T04:23:32.385Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:23:32.391Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:26:52Z"
        }
    ]
}
2026-01-16T04:24:02.661Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:24:02.667Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:27:22Z"
        }
    ]
```

```
}
2026-01-16T04:24:32.947Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:24:32.953Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:27:52Z"
        }
    ]
}
2026-01-16T04:25:03.237Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:25:03.246Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:28:23Z"
        }
    ]
}
2026-01-16T04:25:33.532Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:25:33.538Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:28:53Z"
            }
        ]
}
2026-01-16T04:26:03.828Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:26:03.834Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:29:23Z"
            }
        ]
}
2026-01-16T04:26:34.112Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:26:34.118Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:29:54Z"
            }
        ]
}
2026-01-16T04:27:04.394Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:27:04.400Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:30:24Z"
        }
    ]
}
2026-01-16T04:27:34.684Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:27:34.688Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:30:54Z"
        }
    ]
}
2026-01-16T04:28:04.967Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:28:04.973Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:31:24Z"
```

```
        }
    ]
}
2026-01-16T04:28:35.243Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:28:35.249Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:31:55Z"
        }
    ]
}
2026-01-16T04:29:05.529Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:29:05.535Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:32:25Z"
        }
    ]
}
2026-01-16T04:29:35.818Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:29:35.822Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:32:55Z"
        }
    ]
}
2026-01-16T04:30:06.102Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:30:06.108Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:33:26Z"
        }
    ]
}
2026-01-16T04:30:36.385Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:30:36.391Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:33:56Z"
        }
    ]
}
2026-01-16T04:31:06.663Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:31:06.667Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:34:26Z"
        }
    ]
}
2026-01-16T04:31:36.948Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:31:36.956Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:34:56Z"
        }
    ]
}
2026-01-16T04:32:07.230Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:32:07.234Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
            },
            "transmitExpireTime": "2026-01-16T04:35:27Z"
        }
    ]
}
2026-01-16T04:32:37.512Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:32:37.517Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:35:57Z"
        }
    ]
}
2026-01-16T04:33:07.796Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:33:07.802Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:36:27Z"
        }
    ]
}
2026-01-16T04:48:13.457Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T04:48:13.471Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:48:13.509Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:51:33Z"
        }
    ]
}
2026-01-16T04:48:13.519Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:51:33Z"
        }
    ]
}
2026-01-16T04:49:03.779Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "GRANTED"
        }
    ]
}
2026-01-16T04:49:03.786Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:52:23Z"
        }
    ]
}
2026-01-16T04:49:34.059Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:49:34.063Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:52:54Z"
        }
    ]
}
2026-01-16T04:50:04.338Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:50:04.342Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:53:24Z"
        }
    ]
}
2026-01-16T04:50:34.625Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:50:34.631Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:53:54Z"
            }
        ]
}
2026-01-16T04:51:04.911Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:51:04.917Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:54:24Z"
            }
        ]
}
2026-01-16T04:51:35.184Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:51:35.190Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:54:55Z"
            }
        ]
}
2026-01-16T04:52:05.467Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T04:52:05.473Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:55:25Z"
        }
    ]
}
2026-01-16T04:52:35.753Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:52:35.759Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:55:55Z"
        }
    ]
}
2026-01-16T04:53:06.038Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:53:06.042Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:56:26Z"
        }
    ]
```

```
}
2026-01-16T04:53:36.325Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:53:36.331Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:56:56Z"
        }
    ]
}
2026-01-16T04:54:06.604Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:54:06.611Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:57:26Z"
        }
    ]
}
2026-01-16T04:54:36.891Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:54:36.898Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:57:56Z"
            }
        ]
}
2026-01-16T04:55:07.184Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:55:07.190Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:58:27Z"
            }
        ]
}
2026-01-16T04:55:37.486Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:55:37.490Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T04:58:57Z"
            }
        ]
}
2026-01-16T04:56:07.763Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T04:56:07.769Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:59:27Z"
        }
    ]
}
2026-01-16T04:56:38.051Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:56:38.056Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T04:59:58Z"
        }
    ]
}
2026-01-16T04:57:08.323Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:57:08.331Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:00:28Z"
```

```
        }
    ]
}
2026-01-16T04:57:38.605Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:57:38.609Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:00:58Z"
        }
    ]
}
2026-01-16T04:58:08.884Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:58:08.890Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:01:28Z"
        }
    ]
}
2026-01-16T04:58:39.164Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:58:39.170Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:01:59Z"
        }
    ]
}
2026-01-16T04:59:09.443Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:59:09.448Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:02:29Z"
        }
    ]
}
2026-01-16T04:59:39.730Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T04:59:39.736Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:02:59Z"
        }
    ]
}
2026-01-16T05:00:10.085Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:00:10.091Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:03:30Z"
        }
    ]
}
2026-01-16T05:00:40.368Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:00:40.375Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:04:00Z"
        }
    ]
}
2026-01-16T05:01:10.651Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:01:10.657Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-16T05:04:30Z"
            }
        ]
}
2026-01-16T05:01:40.926Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:01:40.931Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:05:00Z"
            }
        ]
}
2026-01-16T05:02:11.211Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:02:11.217Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:05:31Z"
            }
        ]
}
2026-01-16T05:02:41.493Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
```

```
}
2026-01-16T05:02:41.500Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:06:01Z"
        }
    ]
}
2026-01-16T05:03:11.776Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:03:11.782Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:06:31Z"
        }
    ]
}
2026-01-16T05:03:42.059Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:03:42.066Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:07:02Z"
        }
    ]
}
2026-01-16T05:04:12.348Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:04:12.354Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:07:32Z"
        }
    ]
}
2026-01-16T05:04:42.634Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:04:42.640Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:08:02Z"
        }
    ]
}
2026-01-16T05:05:12.914Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:05:12.920Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:08:32Z"
            }
        ]
}
2026-01-16T05:05:43.223Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:05:43.230Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:09:03Z"
            }
        ]
}
2026-01-16T05:06:13.529Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:06:13.533Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:09:33Z"
            }
        ]
}
2026-01-16T05:06:43.821Z - INFO - heartbeat request from CBRS    : {
        "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
```

```
            }
        ]
}
2026-01-16T05:06:43.826Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:10:03Z"
            }
        ]
}
2026-01-16T05:07:14.125Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:07:14.131Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:10:34Z"
            }
        ]
}
2026-01-16T05:07:44.428Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:07:44.434Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:11:04Z"
            }
        ]
```

```
}
2026-01-16T05:08:14.736Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:08:14.740Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:11:34Z"
        }
    ]
}
2026-01-16T05:08:45.029Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:08:45.035Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:12:05Z"
        }
    ]
}
2026-01-16T05:09:15.332Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:09:15.338Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:12:35Z"
            }
        ]
}
2026-01-16T05:09:45.632Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:09:45.641Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:13:05Z"
            }
        ]
}
2026-01-16T05:10:15.979Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:10:15.986Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:13:35Z"
            }
        ]
}
2026-01-16T05:10:46.279Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
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                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:10:46.286Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:14:06Z"
        }
    ]
}
2026-01-16T05:11:16.585Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:11:16.591Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:14:36Z"
        }
    ]
}
2026-01-16T05:11:46.884Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:11:46.892Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:15:06Z"
```

```
        }
    ]
}
2026-01-16T05:12:17.190Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:12:17.197Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:15:37Z"
        }
    ]
}
2026-01-16T05:12:47.499Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:12:47.506Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:16:07Z"
        }
    ]
}
2026-01-16T05:13:17.808Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:13:17.812Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:16:37Z"
        }
    ]
}
2026-01-16T05:13:48.118Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:13:48.125Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:17:08Z"
        }
    ]
}
2026-01-16T05:14:18.427Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:14:18.433Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:17:38Z"
        }
    ]
}
2026-01-16T05:14:48.742Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:14:48.747Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:18:08Z"
        }
    ]
}
2026-01-16T05:15:19.040Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:15:19.046Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:18:39Z"
        }
    ]
}
2026-01-16T05:15:49.348Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:15:49.357Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
```

```
                },
                "transmitExpireTime": "2026-01-16T05:19:09Z"
            }
        ]
}
2026-01-16T05:16:19.660Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:16:19.665Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:19:39Z"
        }
    ]
}
2026-01-16T05:16:49.980Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:16:49.986Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:20:09Z"
        }
    ]
}
2026-01-16T05:17:20.279Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
```

```
}
2026-01-16T05:17:20.285Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T05:20:40Z"
            }
      ]
}
2026-01-16T05:17:50.582Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T05:17:50.591Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T05:21:10Z"
            }
      ]
}
2026-01-16T05:18:20.867Z - INFO - heartbeat request from CBRS    : {
      "heartbeatRequest": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "grantRenew": false,
                  "operationState": "AUTHORIZED"
            }
      ]
}
2026-01-16T05:18:20.872Z - INFO - engine sent successfully, the response to CBRS    : {
      "heartbeatResponse": [
            {
                  "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                  "grantId": "643735732",
                  "response": {
                        "responseCode": 0
                  },
                  "transmitExpireTime": "2026-01-16T05:21:40Z"
            }
      ]
}
2026-01-16T05:18:51.151Z - INFO - heartbeat request from CBRS    : {
```

```
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:18:51.157Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:22:11Z"
        }
    ]
}
2026-01-16T05:19:21.437Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:19:21.443Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:22:41Z"
        }
    ]
}
2026-01-16T05:19:51.720Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:19:51.727Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
```

```
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:23:11Z"
            }
        ]
}
2026-01-16T05:20:22.009Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:20:22.015Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:23:42Z"
        }
    ]
}
2026-01-16T05:20:52.292Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:20:52.296Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:24:12Z"
        }
    ]
}
2026-01-16T05:21:22.578Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
```

```
        }
    ]
}
2026-01-16T05:21:22.585Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:24:42Z"
        }
    ]
}
2026-01-16T05:21:52.865Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:21:52.874Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:25:12Z"
        }
    ]
}
2026-01-16T05:22:23.150Z - INFO - heartbeat request from CBRS   : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:22:23.154Z - INFO - engine sent successfully, the response to CBRS   : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:25:43Z"
        }
    ]
```

```
}
2026-01-16T05:22:53.434Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:22:53.440Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:26:13Z"
        }
    ]
}
2026-01-16T05:23:23.723Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:23:23.727Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:26:43Z"
        }
    ]
}
2026-01-16T05:23:54.013Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:23:54.019Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:27:14Z"
            }
        ]
}
2026-01-16T05:24:24.299Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:24:24.305Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:27:44Z"
            }
        ]
}
2026-01-16T05:24:54.582Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:24:54.588Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:28:14Z"
            }
        ]
}
2026-01-16T05:25:24.865Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
```

```
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:25:24.869Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:28:44Z"
        }
    ]
}
2026-01-16T05:25:55.144Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:25:55.151Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:29:15Z"
        }
    ]
}
2026-01-16T05:26:25.433Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:26:25.437Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:29:45Z"
```

```
        }
    ]
}
2026-01-16T05:26:55.716Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:26:55.723Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:30:15Z"
        }
    ]
}
2026-01-16T05:27:25.994Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:27:26.000Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:30:46Z"
        }
    ]
}
2026-01-16T05:27:56.270Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:27:56.276Z - INFO - engine sent successfully, the response to CBRS    : {
```

```
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:31:16Z"
        }
    ]
}
2026-01-16T05:28:26.558Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:28:26.563Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:31:46Z"
        }
    ]
}
2026-01-16T05:28:56.841Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "grantRenew": false,
            "operationState": "AUTHORIZED"
        }
    ]
}
2026-01-16T05:28:56.846Z - INFO - engine sent successfully, the response to CBRS    : {
    "heartbeatResponse": [
        {
            "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
            "grantId": "643735732",
            "response": {
                "responseCode": 0
            },
            "transmitExpireTime": "2026-01-16T05:32:16Z"
        }
    ]
}
2026-01-16T05:29:27.122Z - INFO - heartbeat request from CBRS    : {
    "heartbeatRequest": [
        {
```

```
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "grantRenew": false,
                "operationState": "AUTHORIZED"
            }
        ]
}
2026-01-16T05:29:27.128Z - INFO - engine sent successfully, the response to CBRS    : {
        "heartbeatResponse": [
            {
                "cbsdId": "2ASK5AIOID5GSC03Mock-SASLBNKIASRC230170825.NR",
                "grantId": "643735732",
                "response": {
                    "responseCode": 0
                },
                "transmitExpireTime": "2026-01-16T05:32:47Z"
            }
        ]
}
```