

Tuesday, November 11, 2025

Intellian Technologies Inc.
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GMDSS QUALIFICATION LETTER

Reference: Global Maritime Distress and Safety System (GMDSS) Product Qualification of Type Examination by Iridium Satellite LLC

Subject Equipment: C700 GMDSS Satellite Communications System as identified in Appendix A

All defined terms in this letter shall have the meanings assigned to them in the Amended & Restated Valued Added Manufacturer Agreement dated September 11, 2020 ("VAM Agreement"). Based on the GMDSS application request from Intellian Technologies Inc. and the successful completion of the required assessments and tests (conducted by Iridium and a third-party notified body for specific evaluations as outlined in the Iridium GMDSS Terminal Qualification Procedure), Iridium GMDSS VAM Specification Detailed Requirements, and relevant regulatory certifications, Iridium hereby qualifies the Subject Equipment for GMDSS use with the Iridium Communications System.

This letter confirms that the applicant has submitted specifications for a GMDSS Ship Earth Station on the Iridium Communications System, complying with the International Electrotechnical Commission (IEC) 61097-16 Edition 1.0 2019-07. This qualification aligns with the VAM Agreement between Iridium and Intellian Technologies Inc.

Iridium does not guarantee or provide any representation or warranty to the public, third parties, subscribers, or end-users concerning the equipment's quality, performance, reliability, effectiveness, or safety. Iridium does not claim the suitability of this device for any particular purpose, and any contrary representation made by Intellian Technologies Inc. (or its agents or distributors) will constitute a material breach of the VAM Agreement. In such a case, Iridium reserves the right to terminate the Agreement per its terms. The investigation results, analysis, and original submissions from Intellian Technologies Inc. are stored on the Wrike platform.

This letter authorizes Intellian Technologies Inc. to operate the C700 GMDSS Iridium Certus Terminal on the Iridium network as a GMDSS terminal. The Qualification letter is valid as long as a change occurs in either the physical configuration of the C700 GMDSS or if a software version other than as noted below is used, and if a deployment to any operational ship is required, a retest for compliance with IEC 61097-16 will be necessary.

Sincerely,

A handwritten signature in black ink, appearing to read "Omid Nia", with a long horizontal stroke extending to the right.

Omid Nia, Ph.D.
Associate Director, Product Engineering and Certification

APPENDIX A

Subject Equipment Name	C700 GMDSS Satellite Communication System 																
Model Number	C700 GMDSS																
Software Version	<table border="1"> <thead> <tr> <th>Identity</th><th>Build Level</th></tr> </thead> <tbody> <tr> <td>Above Deck Unit (ADU)</td><td>v1.0.x</td></tr> <tr> <td>Below Deck Unit (BDU)</td><td>V3.0.x</td></tr> <tr> <td>Safety Display Terminal (SDT)</td><td>V1.0.x</td></tr> <tr> <td>Alarm Box</td><td>v1.0.x</td></tr> <tr> <td>Alarm Unit</td><td>v1.0.x</td></tr> <tr> <td>SSAS Box (Test)</td><td>v1.0.x</td></tr> <tr> <td>SSAS Box (Alert)</td><td>v1.0.x</td></tr> </tbody> </table> <i>This approval remains valid for equipment, including subsequent minor software amendments which have been formally accepted in accordance with TUV SUD testing. Certification, Validation, and Verification Regulations. Modification to the third digit of the software versions indicated with an 'ax' has no impact on product compliance.</i>	Identity	Build Level	Above Deck Unit (ADU)	v1.0.x	Below Deck Unit (BDU)	V3.0.x	Safety Display Terminal (SDT)	V1.0.x	Alarm Box	v1.0.x	Alarm Unit	v1.0.x	SSAS Box (Test)	v1.0.x	SSAS Box (Alert)	v1.0.x
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SSAS Box (Alert)	v1.0.x																
Iridium Service Class Authorized	Certus 700																
Iridium authorized Product ID:	30036083240																
Iridium authorized ClassMark:	BBT3/8																
Iridium Vertical Market Authorized	Certus Maritime-GMDSS																

VAM/VAR Equipment Parts	C700 GMDSS Satellite Communications System consists of: • Primary Parts - SDT7000C - Safety Display Terminal (SDT) - HSC7000 - Handset & Cradle - CP-T1A0 - Below Deck Unit (BDU) ^{Note 1} - C1-70-A00N - Above Deck Unit (ADU) - C700 GMDSS User Guide - C700 GMDSS Declaration of Conformity • GMDSS Accessories - PSU180D - AC/DC Power Supply ^{Note 2} - AB1000 - GMDSS Alarm Box - AU1000 - GMDSS Alarm Unit - JB1000 - Junction Box • SSAS Accessories - SB7000A - SSAS Box (Alert) - SB7000T - SSAS Box (Test) Note 1: The Below Deck Unit (BDU) has Wi-Fi capability, which is outside of the scope of the Marine Equipment Directive Type Approval. Note 2: The C700 GMDSS System should be powered from the PSDU180D GMDSS Power supply or a suitable alternative, providing a reserve source of energy in line with IMO Resolution MSC.434(98).
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