



Danmark

Marine Equipment Directive **EC Type Examination Module B Certificate**

This is to certify that TÜV SÜD DANMARK ApS did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Marine Equipment Directive (2014/90/EU) requirements, under the following Implementing Regulation for the listed types of equipment

Implementing Regulation	(EU)2025/1533
Certificate Holder and Manufacturer	Intellian Technologies Inc. 30 Masan 11ro Jinwi myeon Pyeongtaek si Gyeonggi do 17716 Republic of Korea
EC Representative	Intellian B.V. Tempelhof 12 Rotterdam 3045 PV The Netherlands
Product(s)	C200M GMDSS
Product Sector	Radiocommunications Equipment
Product Type	MED/5.22 Iridium Equipment

and on the basis of the Technical Data and information detailed in the Annex to this certificate.

T. J. Twynam

Valid from: 16 October 2025

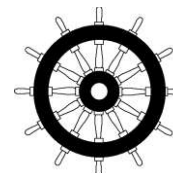
(Thomas J. Twynam)

Expiry Date: 15 October 2030 ^{Note 6}

This certificate has been issued in accordance with the TÜV SÜD Testing, Certification Validation and Verification Regulations and constitutes page 1 of the combined Certificate and Annex.

The Conditions for the validity of this certificate are listed in the Annex.

For further details, related to this certification please contact BABT@tuvsud.com



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TÜV SÜD DANMARK ApS • Johanne Møllers Passage 1, 3. sal • 1799 Copenhagen V • Denmark

Annex to Marine Equipment Directive Module B Type Examination Certificate

1 Equipment Description

Intellian Certus® GMDSS System

1.1 Models

Model
C200M GMDSS

1.1.1 System Components

Model	Description
SDT7000C	Safety display terminal (SDT)
HSC7000	Handset & Cradle
CP-T1A1 ^{Note 1}	Below Deck Unit (BDU)
C1-20-A00N	Above Deck Unit (ADU)

1.1.2 Optional Components

Model	Description
PSU180D ^{Note 2}	GMDSS Power supply
AB1000	GMDSS Alarm Box
AU1000	GMDSS Alarm Unit
JB1000	Junction box
SB7000A	SSAS Box (Alert)
SB7000T	SSAS Box (Test)

1.2 Software ^{Note 3}

Identity	Build Level
Above Deck Unit (ADU)	v1.0.5
Below Deck Unit (BDU)	V2.0.0
Safety Display Terminal (SDT)	V1.0.7
Alarm Box	v1.0.2
Alarm Unit	v1.0.2
SSAS Box (Test)	v1.0.0
SSAS Box (Alert)	v1.0.0

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2 Specified Requirements

2.1 Implementing Regulation (EU)2025/1533 MED/5.22 Row 3 of 4 Notes 4, 5 & 6

Type approval requirements	Carriage and Performance Requirements
SOLAS 74 Reg. IV/14 SOLAS 74 Reg. X/3	SOLAS 74 Reg. IV/10 IMO Res. A694(17) IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res. MSC.302(87) IMO Res. MSC.434(98) IMO MSC/Circ.862 IMO COMSAR/Circ.32 Revision 2
Assessed Testing Standards	
IMO MSC/Circ.862	IEC 61097-16:2019
IEC 60945:2002 incl. IEC 60945 Corr. 1:2008	IEC 62923-1:2018
IEC 61162-1:2016	IEC 62923-2:2018
IEC 61162-2 Ed.1.0:1998-09	ETSI EN 301 441 V2.1.1:2016.
IEC 61162-450:2018	-
Further tested for compliance with IMO Resolution MSC.147(77) Revised Performance Standards for a Security Alert System	

3 Technical Documentation

3.1 Declaration of Conformity

IT25-QMDC-0807-01 Modified 2025-10-15

3.2 User Guide

C200M GMDSS Intellian Certus® GMDSS System Installation Guide Version 1.0 Modified 2025-08-08
 C200M GMDSS Intellian Certus® GMDSS System User Guide Version 1.0 Modified 2025-08-08

3.3 Test Reports

3.3.1 IEC 60945:2002 incl. IEC 60945 Corr. 1:2008

75961648-01 Issue 03 Issued 2025-10-16
 11807-R02 Dated 2025-06-27
 75961648-02 Issue 02 Issued 2025-10-14
 Signed Corrosion waiver request.pdf Dated 2024-08-12

3.3.2 IEC 61162-1:2016

75961648-07 Issue 01 Issued 2025-09-16
 KOMERI-0314-25T2447(E) Dated 2025-07-24

3.3.3 IEC 61162-2 Ed.1.0:1998-09

75961648-08 Issue 02 Issued 2025-09-18

3.3.4 IEC 61162-450:2018

75961648-09 Issue 01 Issued 2025-09-16

3.3.5 IEC 61097-16:2019 Note 6

75961648-04 Issue 02 Issued 2025-10-08
 IR5215-CL-001-Intellian-C200M-Certification Letter Dated 2024-04-04

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3.3.6 IEC 62288:2021

75961648-06 Issue 01	Issued	2025-09-08
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3.3.7 IEC 62923-1:2018 & IEC 62923-2:2018

75961648-05 Issue 02	Issued	2025-09-19
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3.3.8 ETSI EN 301 441 V2.1.1:2016

TRA-061097-47-02A.pdf	Issued	2024-03-12
75946605-02 Issue 1	Issued	2019-11-27
CMF for 301441 letter.pdf	Dated	2025-05-20

3.3.9 IMO Resolution MSC.147(77) ^{Note 5}

75961648-10 Issue 01	Issued	2025-09-12
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3.4 Build Status

3.4.1 Hardware

C200M GMDSS Hardware Build changes log_Intellian_rev0.1	Dated	2025-08-25
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3.4.2 Software

C200M_C700_GMDSS_SW_Update_History_250802_r4	Dated	2025-08-02
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3.5 Notes

- 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 C200M GMDSS System should be powered from the PSU180D GMDSS Power supply or suitable alternative, providing a reserve source of energy in line with IMO Resolution MSC.434(98).
- Note 3 This approval remains valid for equipment including subsequent minor software amendments which have been formally accepted in accordance with the TÜV SÜD Testing, Certification, Validation and Verification Regulations.
- Note 4 The product(s) listed meet(s) the requirements of IEC 62923-1 for EUT function type P.
- Note 5 In addition to the requirements of (EU)2025/1533 MED/5.22 the C200M has been shown to meet the requirements of IMO Resolution MSC.147(77) Revised Performance Standards for a Security Alert System.
- Note 6 Implementing Regulation (EU)2025/1533 gives a last placing on board date of 23/09/2028 for equipment approved against the test standards listed above. See Conditions of Validity.
- Note 7 System Operator, Iridium Satellite LLC, has determined that the Intellian C200M maritime terminal and has granted this via a certification letter dated 04 April 2024.
- Note 8 In-service C200M systems comprising of an Above Deck Unit (C1-20-A00N) with serial number C2AM24010001 or higher, and Below Deck Unit (CP-T1A1) with serial number PCP24010001 or higher can be upgraded to a C200M GMDSS installation with the addition of a Safety Display Terminal (SDT7000C) and Handset (HSC7000). Installation Manual section "Procedure for upgrading an in-service C200M installation to C200M GMDSS" should be followed.

Annex to Marine Equipment Directive Module B Type Examination Certificate



4 Conditions of Validity

This certificate ceases to be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with TÜV SÜD DANMARK ApS or a person appointed by TÜV SÜD DANMARK ApS to perform that role.

During the period of validity of this certificate the applicable regulations (international conventions and relevant resolutions and circulars of the IMO) and testing standards of the Commission Implementing Regulation may change, therefore the product conformity may need to be re-assessed by TÜV SÜD DANMARK ApS.

The Mark of Conformity may only be affixed to the above type approved equipment and a manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of the directive is fully complied with and controlled by a written inspection agreement with a notified body.

Signature:

A handwritten signature in blue ink, which appears to read 'T. J. Twynam', is written over a light blue horizontal line.

(Thomas J. Twynam)

Date:

2025-10-16

On behalf of TÜV SÜD DANMARK ApS