



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

<b>Implementing Regulation</b>	<b>(EU)2025/1533</b>
<b>Certificate Holder and Manufacturer</b>	<b>em-trak Marine Electronics Ltd. Wireless House First Avenue Westfield Industrial Estate Midsomer Norton Bath, BA3 4BS United Kingdom</b>
<b>EC Representative</b>	<b>SRT Marine Systems plc SNCF Station 14 rue de Dunkerque 75010 Paris France</b>
<b>Product(s)</b>	<b>A200 (425-0013)</b>
<b>Product Sector</b>	<b>Navigation Equipment</b>
<b>Product Type</b>	<b>MED/4.32 Universal automatic identification system equipment (AIS)</b>

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

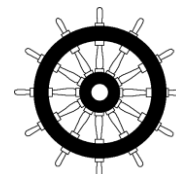
Valid from: 23 February 2026 (Andy Little)

Expiry Date: 22 February 2031

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](mailto:BABT@tuvsud.com)

**2443**

Issued by TÜV SÜD DANMARK ApS under document number: DK-MED000102 Issue 07

Page 1 of 4

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Danmark

# Annex to Marine Equipment Directive Module B Type Examination Certificate

## 1 Equipment Description

Marine AIS Class A Transceiver

### 1.1 Models

Model	Description
425-0013	A200 AIS Class A Transceiver <sup>Note 1</sup>

### 1.2 Software <sup>Note 2</sup>

Identity	Description
110200.02	AIS modem software
110401.02	MKD software

## 2 Assessed Requirements

### 2.1 Implementing Regulation (EU)2025/1533 MED/4.32 Row 2 of 2 <sup>Notes 3, 4 & 5</sup>

Type approval requirements	Carriage and Performance Requirements
SOLAS 74 Reg. V/18 SOLAS 74 Reg. X/3 IMO Res. MSC.36(63)-(1994 HSC Code) 13 IMO Res. MSC.97(73)-(2000 HSC Code) 13	SOLAS 74 Reg. V/19 IMO Res. A.694(17) IMO Res. MSC.36(63)-(1994 HSC Code) 13 IMO Res. MSC.97(73)-(2000 HSC Code) 13 IMO Res. MSC.74(69) IMO Res. MSC.191(79) IMO Res. MSC.302(87) ITU-RM-1371-5 (02-2014)
Assessed Testing Standards	
IEC 60945:2002 incl. IEC 60945 Corr. 1:2008	IEC 61993-2:2018
IEC 61162-1:2024	IEC 62288 Ed. 3.0:2021 incl.A1:2024
IEC 61162-2:2024	IEC 62923-1:2018
IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07	IEC 62923-2:2018



Danmark

# Annex to Marine Equipment Directive Module B Type Examination Certificate

## 3 Technical Documentation

### 3.1 Declaration of Conformity

MED - A200 Declaration of Conformity Modified 2026-02-05

### 3.2 User Guide

em-trak A200 Installation and Operation Manual, Part No. 201-0687 Version 9

### 3.3 Test Reports

#### 3.3.1 IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)

75929063 Report 09 Issue 1	Issued	2016-04-05
APO-2854	Issued	2016-03-30
15R174 CR	Issued	2016-01-21
75929063 Report 02 Issue 1	Issued	2015-06-03
5960	Issued	2015-05-19
TRA-024860-43-00A	Issued	2015-03-17

#### 3.3.2 IEC 61162 series

Analysis of IEC61162-1 Ed 5.0 Issue 1	Issued	2019-06-03
Exhibit 24 - NMEA 2000 information	Issued	2016-06-06
BSH/4543/001/4322830/15-1	Issued	2016-03-07
BSH/454.AIS/006/SRT Apollo/00002	Issued	2026-02-05

#### 3.3.3 IEC 61993-2 (2018)

BSH/4543/001/4322830/15-1	Issued	2016-03-07
75929063 Report 05 Issue 1	Issued	2015-12-16
75929063 Report 06 Issue 1	Issued	2015-12-16
75929063 Report 07 Issue 1	Issued	2015-12-16
BSH/4542/001/4112945/15	Issued	2015-09-21
75952075 Report 01 Issue 01	Issued	2021-06-07
4E11639 Issue 2	Issued	2021-07-07

#### 3.3.4 IEC 62288 (2021)

75929063 Report 08	Issued	2016-04-05
BSH/454.AIS/006/SRT Apollo/00002	Issued	2025-12-16

#### 3.3.5 IEC 62923-1 (2018) & IEC 62923-2 (2018)

BSH/454.AIS-A/SRT Apollo/1	Issued	2021-06-10
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### 3.4 Build Status

#### 3.4.1 Hardware

AIS modem PCA hardware version	6.0		
MKD PCA hardware version	6.0		
Apollo Main PCA, Drawing No. 011-0109 Rev 2.6		Issued	2021-05-12
Apollo MKD Drawing No. 011-0070 Rev 6		Issued	2018-10-25
Apollo Junction Box, Drawing No. 011-0077 Rev 4		Issued	2015-06-22
Apollo SD Card PCB, Drawing No. 011-0083 Rev 2		Issued	2014-10-20



Danmark

# Annex to Marine Equipment Directive Module B Type Examination Certificate

## 3.5 Notes

- Note 1 The A200 has a WiFi interface. Operation of this interface was assessed against, or in excess, of IEC 60945 Environmental and EMC conditions. Regulatory requirements apply to Wi-Fi outside of the scope of the MED.
- Note 2 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 3 Enabling additional features may invalidate compliance with the Marine Equipment Directive. The manufacturer should be consulted before enabling any additional features.
- Note 4 IEC 61162-3 (2008) + A2 (2014) Annex A contains details of installation documentation and validation.
- Note 5 The product(s) listed meet(s) the requirements of IEC 62923-1 for EUT function type P..

## 4 U.S. Coast Guard Number

This product has been assigned U.S. Coast Guard Module B number

165.155/EC2443

To note type approval to Module B only as it pertains to obtaining US Coastguard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", Decision No. 1/2023 signed May 26<sup>th</sup>, 2023.

## 5 Conditions of Validity

This certificate ceases to be valid if the manufacturer makes any changes or modifications to the approved 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.

Should the specified regulations (internal conventions and the relevant resolutions and circulars of the IMO) or standards be amended and enforced through an Implementing Regulation during the validity of this certificate, the product(s) is/are to be reapproved prior to it/them being placed on the market or onboard vessels to which the amended regulations or standards apply.

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 Annex B of the directive is fully complied with and controlled by a written inspection agreement with a notified body.

Signature:

(Andy Little)

On behalf of TÜV SÜD DANMARK ApS

Date:

23/02/2026