



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	Japan Radio Co., Ltd. 4-10-1, Nakano Nakano Central Park East 3F Nakano-ku Tokyo 164-0001 Japan
EC Representative	JRC Dublin 77 Camden Street Lower St. Kevin's Dublin 2 DO2 XE80 Ireland
Product(s)	JHS-183
Product Sector	Navigation Equipment
Product Type	MED/4.32 Universal Automatic Identification System Equipment (AIS)

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

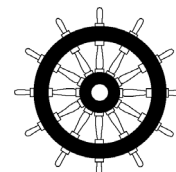
Valid from: 19 November 2025 (Andy Little)

Expiry Date: 01 July 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

Automatic Identification System (AIS)

1.1 Models

Model
JHS-183

1.1.1 System Components

Model	Description
NTE-183	AIS Transponder
NCM-983	AIS Controller
NQE-5183	AIS Connection Box
CFQ-9183A	Controller cable

1.1.2 Optional Components

Model	Description
NBD-577C	Power Supply Unit
CFQ-9193A	Data cable

1.2 Software Notes 1&2

Identity	Description
AIS Transponder NTE-183	Version 4.01
AIS Controller NCM-983 DISP	Version 3.00
AIS Controller NCM-983 LAN	Version 3.00

2 Specified Requirements

2.1 Implementing Regulation (EU)2025/1533 MED/4.32 Row 1 of 2 Notes 3,4, 5 & 6

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) Note: ITU-RM 1371-5 (02-2014) shall only be applicable in accordance with requirements of IMO Res. MSC.74(69).
Assessed Testing Standards	
IEC 60945:2002 incl. IEC 60945 Corr. 1:2008	IEC 61162-1:2016
IEC 61162-2 Ed.1.0:1998-09	IEC 61162-450:2018
IEC 62288 Ed. 3.0:2021	IEC 61993-2:2018
IEC 62923-1:2018	IEC 62923-2:2018



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3 Technical Documentation

3.1 Declaration of Conformity

150j) JHS-183 MED DoC	Dated	2025-08-25
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3.2 User Guide

JHS-183 Installation Manual (7ZPJD0557C)	Modified	2025-06-09
JHS-183 Instruction Manual (7ZPJD0553F)	Modified	2025-06-06

3.3 Test Reports

3.3.1 IEC 61993-2 (2018)

JD241113A	Dated	2025-02-28
JD210924C	Dated	2021-09-24
JD210712C	Modified	2021-08-06
JD211004B	Modified	2021-10-04
75918046 Report 01 Issue 3	Issued	2012-10-11
75917591 Report 03 Issue 2	Issued	2012-09-24
75928690 Report 01 Issue 1	Issued	2015-07-14
75928362 Report 03 Issue 1	Issued	2015-02-10
JD15130A (IEC 61108-1)	Dated	2015-01-30
75965128 Report 02 Issue 02 (IEC 61108-1)	Issued	2025-11-18
75965128 Report 03 Issue 02	Issued	2025-11-18

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

JD241113B	Dated	2025-02-28
75917591 Report 03 Issue 2	Issued	2012-09-24
Z071C-12002 Rev.2.0	Issued	2012-04-16
12-049(E)	Issued	2012-04-26
CML-R945/6-004-1	Dated	2012-09-14
RM611325-01 Issue 2	Dated	2004-04-14
JD15Y13B	Modified	2015-11-30
JD20630B	Modified	2020-07-20
JD20630A	Modified	2020-07-20
YN0306009-1	Issued	2003-08-26
JPX-TR-25145	Issued	2025-08-05
75965128 Report 01 Issue 02	Issued	2025-11-18

3.3.3 IEC 62923-1 (2018) & IEC 62923-2 (2018)

JD210924A	Dated	2021-09-24
JD210712B	Modified	2021-08-06
JD210712D	Modified	2021-08-06

3.3.4 IEC62288:2021

JD250530A	Dated	2025-05-30
JD250604B	Dated	2025-06-06
IEC 62288 JHS-183 Report Issue 1	Issued	2012-09-14
JD160524A	Dated	2016-05-24
JD160323A	Modified	2016-03-23

3.3.5 IEC 61162-1 (2016) and IEC 61162-2 (1998)

75918046 Report 01 Issue 3	Issued	2012-10-11
IEC61162-1 JRC Test Report	Dated	2012-09-21
JD19110B	Dated	2019-02-01

3.3.6 IEC 61162-450 (2018)

JD210924B	Dated	2021-09-24
JD210712A	Modified	2021-08-06
JD19110B	Dated	2019-02-01
JD13Z10A	Dated	2013-12-05
JD13Z10B	Dated	2013-12-05



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3.4 Build Status

3.4.1 Hardware

JD250701C Circuit Diagram	Modified	2025-07-01
Circuit Diagram CDJ-2483A	Modified	2025-08-07
JD250701B Parts List	Modified	2025-07-01
Parts list CDJ-2483A	Modified	2025-08-07

3.5 Notes

- Note 1 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 2 The implementation of improvements to the management of other ship AIS station information is included in AIS Transponder NTE-183 Software Version 3.0 and later.
- Note 3 The product(s) listed meet(s) the requirements of IEC 62923-1 for EUT function type P
- Note 4 These units may be manually re-configured to allow reduced transmitter output power for ships subject to hazardous loading restrictions whilst in port.
- Note 5 The internal GNSS receiver meets a subset of the requirements of IEC 61108-1 as referenced by IEC 61993-2 (2018).
- 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.

4 U.S. Coast Guard Number

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

165.155/EC2443

5 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:

(Andy Little)

Date:

19/11/2025

On behalf of TÜV SÜD DANMARK ApS