



EC type-examination certificate (Module B)

192120010/AA/02

Item and designation: MED/4.32 Universal automatic identification system equipment (AIS)

USCG Category No.: 165.155

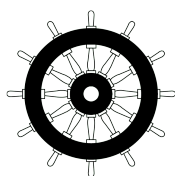
Issued	17 January 2025	Date of expiration of validity	27 February 2025
Page	1 of 5 This certificate has THREE Annexes	Last date of placement	01 July 2025

In compliance with the procedure specified in the **Marine Equipment Scheme** RD_040, Kiwa Nederland B.V. declares as designated Notified Body 0063 for the Marine Equipment Directive, that the stated product complies with Directive 2014/90/EU and Implementing Regulation (EU) 2024/1975, based on the applicable international instruments and test standards as listed in Annex 2 of this certificate.

Product description:	Class A AIS Transceiver
Trademark:	—
Type designation:	ATA100
Hardware / Software:	01.00 / 01.00
Variants:	See Annex 3

Manufacturer:	Ocean Signal Ltd.
Address:	Unit 4, Ocivan Way,
City:	CT9 4NN Margate
Country:	United Kingdom

Authorized Representative:	Kris Niewenhuis
Address:	Paktuinen 2a
City:	1601 JD Enkhuizen
Country:	The Netherlands



0063

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Chamber of commerce
08090048



CERTIFICATE

General conditions

- This EC type-examination certificate is limited to the Marine Equipment Directive.
- Each product to which this certificate relates shall be provided with The Mark of Conformity. The Mark of Conformity consists of symbol in the form of a wheel followed by the identification number of the responsible Notified Body for Module D, E, F or G, and by the last two digits of the number of the year in which the mark is affixed. The Mark of Conformity may only be affixed to the type approved product 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.
- The holder of this certificate has drawn up a Declaration of Conformity to type with Directive 2014/90/EU and Implementing Regulations, declaring that the product(s) described in this EC type-examination certificate, satisfy the requirements that apply to them.
- The validity of this EC type-examination certificate is limited to products, which are equal to the one(s) assessed for this EC type-examination.
- Each product shall be identified by means of type, batch and/or serial numbers and the name of the manufacturer and/or importer.
- If the equipment is to be modified, Kiwa shall be notified immediately. Depending on the modifications, Kiwa may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new amending directive or new Implementing Regulation may void the validity of this EC type-examination certificate regarding (re)placement of the product onboard ships.

Remarks and observations

The following conditions are applicable:

AA/01: Adding authorized representative.

AA/02: Transfer to implementing act (EU) 2024/1975

MED/4.32 Row 1 of 2

This equipment is covered by the scope of the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment signed February 27th, 2004 and amended by Decision No.1/2008 dated February 18th, 2019 according to U.S. Coast Guard approval category 165.155.

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the MED.

USCG Approval No: 165.155/EC0560/192120010

ATA100 does not support the optional serial data instrument network according to IEC 61162-3 as well as the optional multiple talkers and multiple listeners ethernet connection according to IEC 61162-450.

Authorized representative:

Kris Niewenhuis,

Paktuinen 2a

1601 JD Enkhuizen

The Netherlands

Documentation lodged for this EC type-examination certificate

Test Reports:

- TÜV SUD Product Service: 75936860-01, 17 February 2020
- TÜV SUD Product Service: 75936860-02, 17 February 2020
- Federal Maritime and Hydrographic Agency: BSH/454.GNSS/TuevSued_Ltd/ PO2600010516:1, 05 September 2019
- TÜV SUD Product Service: 75936860-03, 31 January 2020
- TÜV SUD Product Service: 75936860-04, 18 December 2019
- TÜV SUD Product Service: 75936860-05, 14 January 2020
- TÜV SUD Product Service: 75936860-06, 20 December 2019
- TÜV SUD Product Service: 75936860-08, 31 January 2020
- TÜV SUD Product Service: 75936860-09, 21 November 2019
- ISVR Consulting, University of Southampton: 10717-R01, 30 August 2019

Product Documentation:

- Assembly drawings
- Bill of materials
- Electrical diagrams
- Internal photos
- External photos
- Manual
- Label and label placement
- Test setup photos
- Risk assessment

International Instruments and test standards

The product is compliant with:

EN 62311	January, 2008	
IEC 60945	August, 2002	Edition 4
IEC 60945/Corrigendum 1	April, 2008	Edition 4
IEC 61108-1	July, 2003	2nd Ed.
IEC 61162-1	August, 2016	Ed. 5.0
IEC 61162-2	September, 1998	Ed. 1.0
IEC 61993-2	July, 2018	Ed. 3.0
IEC 62288	July, 2014	Ed. 2.0
IEC 62923-1	August, 2018	Ed. 1.0
IEC 62923-2	August, 2018	Ed. 1.0
IMO Resolution A.694(17)	1991	
ITU-R M.1371-5	February, 2014	
MSC Resolution 191(79)	December, 2004	
MSC Resolution 302(87)	May, 2010	
MSC Resolution 74(69)	May, 1998	

Technical features and characteristics

The product includes the following features and characteristics:

VHF equipment

- Operating frequency range: 156.025 - 162.025 MHz
- Modulation method(s): 16K0GX
- Maximum output power: 12.5 W rated
- DSC Class A

IEEE 802.11 b/g/n (20 MHz)

- Operating frequency range: 2412-2472 MHz (13channels)
- Maximum output power: 21.49 dBm ERP average (calculated)
- Maximum antenna gain: 1.8 dBi

The product as described in this certificate includes the following type designations:

- Product description: Class A AIS Transceiver
- Trademark: --
- Type designation: ATA100
- Hardware version: 01.00
- Software version: 01.00

- Product description: Class A AIS Transceiver
- Trademark: AISLink
- Type designation: CA2
- Hardware version: 01.00
- Software version: 01.00