



UK Approved Body Authorised
by the MCA



Marine Equipment UK Assessment Module B Type Examination Certificate

This is to certify that TUV SUD BABT UNLIMITED did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, under Annex 1 of the listed Amendment of MSN 1874 for the types of equipment identified.

MSN 1874 Amendment	Amendment 6
Certificate Holder and Manufacturer	Ocean Signal Ltd Unit 4, Ocivan Way, Margate, Kent, CT9 4NN
Product(s)	ATA100 Class A AIS Transceiver
Product Sector	Navigation equipment
Product Type	UK/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 October 2022

(Signature)

Expiry Date: 18 October 2027

This certificate has been issued in accordance with the TÜV SÜD Testing and Certification 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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Annex to Marine Equipment UK Conformity Assessment Module B Type Examination Certificate

1 Equipment Description

Universal automatic identification system equipment (AIS) Class A Transceiver

1.1 Models

Model
ATA100

1.1.1 System Components

Model	Description
ATA100	AIS Class A Transceiver
763S-02845	GNSS Antenna (with 10m cable)

1.2 Software

Identity	Description
ATA100 Software	1.00

2 Assessed Requirements

2.1 MSN 1874 Amendment 6 Annex 1

2.2 Compliance Requirements for UK/4.32

IMO Resolutions	International Testing Standards	
Resolution A694(17)	IEC 60945:2002 inc. Corr.1:2008	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results
IMO Res.MSC.74(69), ITU-RM-1371-5 (02-2014)	IEC 61993-2:2018	Maritime navigation and radiocommunication equipment and systems - Automatic Identification Systems (AIS) - Part 2: Class A shipborne equipment of the automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results
IMO Res.MSC.191(79),	IEC 62288:2014	Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results
	IEC 61162-1:2016	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners
	IEC 61162-2:1998	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 2: Single talker and multiple listeners, high-speed transmission
IMO Res.MSC.302(87),	IEC 62923-1:2018	Maritime navigation and radiocommunication equipment and systems - Bridge alert management - Part 1: Operational and performance requirements, methods of testing and required test results
	IEC 62923-2:2018	Maritime navigation and radiocommunication equipment and systems - Bridge alert management - Part 2: Alert and cluster identifiers and other additional features

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3 Technical Documentation

3.1 Declaration of Conformity

UK DofC ATA100 AIS Transceiver	Modified	2022-08-09
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3.2 User Guide

912S-02691 ATA100 User Manual Iss 01.06 EN	Dated	2020-05-07
912S-0333-ATA100-Installation-Manual-Iss-01.05-EN	Dated	2020-05-07

3.3 Test Reports

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

75936860-04 Issue 01	Issued	2019-12-18
75936860-06 Issue 01	Issued	2019-12-20
75936860-02 Issue 01	Issued	2019-10-01
75936860-05 Issue 01	Issued	2020-01-14
75936860-09 Issue 01	Issued	2019-11-21

3.3.2 IEC 61993-2:2018

75936860-02 Issue 01	Issued	2019-10-01
75936860-01 Issue 01	Issued	2020-01-31
BSH/454.GNSS/TuevSued_Ltd/ PO2600010516:1	Dated	2019-09-05

3.3.3 IEC 62288:2014

75936860-06 Issue 01	Issued	2019-12-20
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3.3.4 IEC 61162-1:2016

75936860-03 Issue 01	Issued	2020-01-31
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3.3.5 IEC 61162-2:1998

75936860-08 Issue 01	Issued	2020-01-31
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3.3.6 IEC 62923-1:2018

75936860-01 Issue 01	Issued	2020-01-31
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3.3.7 IEC 62923-2:2018

75936860-01 Issue 01	Issued	2020-01-31
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3.4 Build Status

3.4.1 Hardware

Block Diagram 911S-02463	Dated	2019-07-26
PCB Assembly 800S-02463	Dated	2019-08-05
Schematic 910S-02463	Dated	2019-08-05
BOM 760S-02697	Dated	2020-04-21
ATA100 External Photos	Dated	2020-02-18
ATA100 Internal Photos	Dated	2020-02-14

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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 and Certification Regulations.

4 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 BABT or a person appointed by TÜV SÜD BABT to perform that role.

Should the specified regulations (international conventions and the relevant resolutions and circulars of the IMO) or standards be amended and enforced through MSN 1874 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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body.

Signature: 
(M. J. Hardy)
On behalf of TÜV SÜD BABT UNLIMITED

Date: 19/10/2022