



Maritime &
Coastguard
Agency

Notified body authorised by the MCA



Marine Equipment Directive EC Type Examination Module B Certificate

This is to certify that TUV SUD BABT 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)2017/306
Certificate Holder and Manufacturer	Orolia Limited Silver Point Airport Service Road Portsmouth PO3 5PB United Kingdom,
Product(s)	Sailor 5051 AIS-SART
Product Sector	Navigation Equipment
Product Type	MED/4.55 Search and rescue locating devices (SRLD): AIS SART equipment

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

Valid from: 13 September 2017

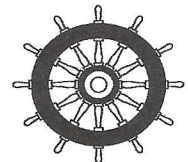
(Signature)

Expiry Date: 12 September 2022

This certificate has been issued in accordance with the Certification Regulations of TUV SUD BABT (Notified Body Number 0168) 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@TUV-SUD.co.uk



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Issued by TUV SUD BABT under document number BABT-MED000035 Issue 02

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Description of Equipment

AIS SART Equipment

Model: Sailor 5051 AIS-SART

SAILOR is a trademark of Thrane & Thrane AS, Porsvej 2, P.O. Box 7071, DK-9200 Aalborg SV, Denmark and is used on these products with their permission.

Compliance Matrix For MED Item A.1/4.55

IMO Resolutions	International Testing Standards	
IMO Res. A.694(17)	IEC 60945 (2002) inc Corr.1	General Requirements for Marine Navigation Equipment (Inc. Corr1:2008)
IMO Res. MSC.246(83) IMO Res.MSC.302(87) ^{Note 1} ITU-R M.1371-5	IEC 61097-14 (2010)	Global maritime distress and safety system (GMDSS) - Part 14: AIS Search and Rescue Transmitter (AIS-SART)

Relevant Technical Documentation

Declaration of Conformity:

EU Declaration of Conformity S5 - Sa, 2017-03-16

User Guide:

SAILOR 5051 AIS SART User Manual,
Part No. 98-133455-B, dated 2013-04-15,

Test report numbers: IEC 61097-14 (2010) 75907213 Report 02 Issue 3, 2010-05-21
BSH/4615/4321410/09/S3140 Ed 1.0, 2009-11-25
EPFS Characteristics Statement, 2010-02-25
75908379 Report 01 Issue 3, 2010-03-01
BSH/4615/4321410/09, 2009-12-15
IEC 60945 (2002) 75907213 Report 01 Issue 1, 2010-01-21
(Inc. Corr1:2008) 75907213 Report 02 Issue 3, 2010-05-21
75907213 Report 04 Issue 1, 2010-01-20

Approved Software: V1.1.60

Approved Hardware : Overall Build Level 92-118 Z
Circuit Diagram 92-120C, 2009-10-07
Parts List: 92-120L, 2016-11-03

Additional Information:

Notes:

- 1 – Compliance with IMO Res. MSC.302(87) has been established by inspection due to the absence of any relevant requirements for this product.
- 2- The Stowage case, Part No. 92-052-001A, has been tested for compliance against the environmental conditions within IEC 60945 where applicable.
- 3- This approval supports the use of two battery types: Varta CR 2/3 AH (Type No. 6215) and Panasonic CR123A.

Conditions of Validity

This issue of the Annex to the referenced Marine Equipment Module B Certificate relates to Issue 2 of the Certificate.

This certificate will not 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 B A B T or a person appointed by TÜV SÜD B A B T to perform that role.

Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reapproved prior to it/them being placed on board 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.

Signed: *T. Ingram*
on behalf of TÜV SÜD B A B T

Date: *13th September 2017*