



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)2018/773
Certificate Holder and Manufacturer	Orolia Limited Silver Point Airport Service Road Portsmouth PO3 5PB United Kingdom,
Product(s)	SAILOR 4065 EPIRB SAILOR 4065 EPIRB GNSS
Product Sector	Radiocommunications Equipment
Product Type	MED/5.6 406 MHz EPIRB (COSPAS-SARSAT)

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

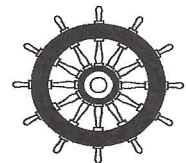
T. J. Twynam
(Tom Twynam)

Valid from: 25 June 2018

Expiry Date: 07 November 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-MED000121 Issue 01

Page 1 of 3

Marine Equipment Directive Module B Type Examination Certificate

Description of Equipment

406 MHz Emergency Positioning Indicating Radio Beacon (EPIRB) Equipment (Manual Deployment) with optional internal GNSS.

Model: SAILOR 4065 EPIRB ^{Notes 1, 2, 3, 5}
SAILOR 4065 EPIRB GNSS ^{Notes 1, 2, 3, 4, 5}

SAILOR is a trademark of Thrane & Thrane A/S, Lundtoftegårdsvej 93D, 2800 Kongens Lyngby, Denmark and is used on these products with their permission.

Compliance Matrix For (EU)2018/773 Item MED/5.6

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 A.810(19) as amended by: IMO Res.MSC.56(66) & IMO Res.MSC.120(74) IMO Res MSC/Circ 862 IMO Res A.696(17) IMO Res A.662(16) ITU-R M.633-4 (12/10) ITU-R M.690-3 (03/15)	IEC 61097-2 (2008)	Global maritime distress and safety system (GMDSS) - Part 2: COSPAS-SARSAT EPIRB - Satellite emergency position indicating radio beacon operating on 406 MHz

Relevant Technical Documentation

Declaration of Conformity:

Declaration of Conformity (Draft), 2018-05-28

User Guide:

MED-Z702 S Exhibit 12 - User Manual, 2018-05-28
MED-Z704 S Exhibit 12 - User Manual, 2018-05-28

Test report numbers:

IEC 61097-2 (2008)	
BSH/4542/001/4143066/17, 2017-07-13	OC-0615-01 Issue 1, 2017-10-19
75931946 Report 07 Issue 1, 2017-10-26	7191166085-CHM17-CCK, 2017-07-27
75931946 Report 08 Issue 1, 2017-10-26	103143189LHD-001, 2017-08-16
75931946 Report 01 Issue 2, 2017-04-13	102921912LHD-001b, 2017-05-09
75931946 Report 05 Issue 2, 2018-02-23	75931946 Report 03 Issue 04, 2018-02-02
75931946 Report 04 Issue 5, 2018-02-02	-
IEC 60945 (2002) Inc. Corr1 (2008)	
75931946 Report 07 Issue 1, 2017-10-26	75931946 Report 06 Issue 1, 2017-10-31

Approved Software: V23-507Z Issue A

Approved Hardware :

Overall Build Level 23-500-001B Issue A
Circuit Diagram MED-Z702 S Exhibit 05 - Circuit Diagram.pdf, 2018-05-28
MED-Z704 S Exhibit 05 - Circuit Diagram.pdf, 2018-05-28
Parts List: MED-Z702 S Exhibit 07 – BOM.pdf, 2018-05-28
MED-Z704 S Exhibit 07 – BOM.pdf, 2018-05-28

NOTES:-

- 1- These units are tested and assessed to Class 2 temperature requirements.
- 2- These units can be supplied together with a manual release bracket.
- 3- These units can be supplied together with an auto-release housing.
- 4- These units are additionally equipped with GNSS receiver and long message capability for precision position location.
- 5- Marine COSPAS-SARSAT 406MHz EPIRBs form a distress alerting component of the Global Maritime Distress & Safety System (GMDSS). These beacons have been granted COSPAS-SARSAT Type Approval Certification; TAC Report No.289-2, dated 01 March 2018 (SAILOR 4065 EPIRB GNSS); TAC Report No.289-3, dated 06 March 2018 (SAILOR 4065 EPIRB).

Conditions of Validity

This issue of the Annex to the referenced Marine Equipment Module B Certificate relates to Issue 1 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 BAPT or a person appointed by TÜV SÜD BAPT 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:..... <i>P. H. Turpin</i>	Date:..... <i>25th June 2018</i>
on behalf of TÜV SÜD BAPT	