

Marine Equipment UK Assessment Module B Type Examination Certificate

This is to certify that TUV SUD BAPT 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 Limited Unit 4 Ocivan Way Margate Kent, CT9 4NN United Kingdom
Product(s)	EPIRB3 Pro EPIRB3
Product Sector	Radiocommunication Equipment
Product Type	UK/5.6 406 MHz Emergency Position Indicating Radio Beacon

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

Valid from: 14 December 2022

(Tom Twynam)

Expiry Date: 17 November 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 BAPT@tuvsud.com



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Issued by TUV SUD BAPT Unlimited under document number: BAPT-UKMA000078 Issue 01

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Annex to Marine Equipment UK Conformity Assessment Module B Type Examination Certificate

1 Equipment Description

406 MHz Emergency Position Radio Beacon (EPIRB) with AIS and RLS

1.1 Models

Model
SafeSea EPIRB3 Pro Category 1 AIS EPIRB <small>Note 1</small>
rescueME EPIRB3 Category 2 AIS EPIRB <small>Note 2</small>

1.2 Components

Part No.	Description
702S-03933	SafeSea EPIRB3 Pro Category 1 AIS EPIRB
702S-03932	rescueME EPIRB3 Category 2 AIS EPIRB
703S-03414	EPIRB1/2/3 Pro Cat 1 Housing (no HRU)
701S-00608	HR1E Hydrostatic Release Unit
703S-01600	EPIRB1/2/3 Cat 2 Mounting Bracket
703S-04031	LB14E: EPIRB2_EPIRB3 Replacement Battery Kit

2 Assessed Requirements

2.1 MSN 1874 Amendment 6 Annex 1

2.2 Compliance Requirements for UK/5.6

IMO Resolutions	International Testing Standards	
IMO Res. A.694(17)	IEC 60945:2002 incl. IEC 60945 Corr. 1:2008	Maritime navigation and radiocommunication equipment and systems — General requirements
IMO Res. A.471(101) IMO Res. A.662 (16) IMO Res. MSC/Circ. 862 IMO COMSAR/Circ.32 ITU-R M.633-4 (12/10) ITU-R M.690-3 (03/15)	IEC 61097-2 (2021)	Global maritime distress and safety system (GMDSS) — Part 2: COSPAS-SARSAT EPIRB - Satellite emergency position indicating radio beacon operating on 406 MHz

3 Technical Documentation

3.1 Declaration of Conformity

OSL_UK DofC EPIRB3(Pro) Modified 2022-10-19

3.2 User Guide

SafeSea EPIRB3 Pro User Manual, V1.02 Dated 2022-10-21
rescueME EPIRB3 User Manual, V1.01 Dated 2022-09-26

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3.3 Test Reports

3.3.1 IEC 61097-2 (2021) & IEC 60945 (2002) incl. Corrigendum 1 (2008)

75952867 Report 01 Issue 05	Issued	2022-08-02
75952867 Report 03 Issue 01	Issued	2022-10-19
75952867 Report 04 Issue 02	Issued	2022-09-30
75952867 Report 06 Issue 02	Issued	2022-11-17
BSH/454.GNSS/TUVSUDLtd/9	Issued	2021-12-10
Description of the GNSS Receiver Cold Start Issue 1.	Dated	2022-09-23
GNSS Operation Cycle and its Phases Issue 1.	Dated	2022-09-23
OC-1185-01 Issue 01	Issued	2022-03-10
OC-1185-02 Issue 01	Issued	2022-07-11
14/508	Issued	2014-08-21
75946431 Report 01 Issue 03	Issued	2020-06-29
75947524 Report 01 Issue 02	Issued	2020-03-31
122021-1 Issue 02	Issued	2022-01-04
022022-1 Issue 1	Issued	2022-02-25
75953445 Report 01 Issue 05	Issued	2022-08-02
75950037 Report 09 Issue 01	Issued	2022-05-16
75950037 Report 10 Issue 01	Issued	2022-03-25

3.4 Build Status

3.4.1 Hardware

Circuit Diagram: 910S-03721 Issue 01.00	Dated	2022-05-25
PCB Layout: 800S-03721 Issue 01.00	Dated	2022-05-25
Parts List: EPIRB3 Pro 702S-03933 Issue 01.00	Dated	2022-09-15
EPIRB3 702S-03932 Issue 01.00	Dated	2022-09-15

3.4.2 Software

500S-03885 Issue 01.00^{Note 3}

3.5 Notes

- Note 1 The EPIRB3 Pro is a Category 1, Class 2 EPIRB and is supplied with the 703S-03414 Automatic Release Housing (ARU).
- Note 2 The EPIRB3 is a Category 2, Class 2 EPIRB and is supplied with the 703S-01600 Manual Mounting Bracket.
- Note 3 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.
- Note 4 Cospas-Sarsat Type Approval has been completed for the EPIRB3 Pro and the EPIRB3 as defined within certificate references:
TAC 362, dated 2022-10-14 and TAC 1362 (with RLS), dated 2022-10-14


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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 TUV SUD BABT or a person appointed by TUV SUD 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: 
(Thomas J. Twynam)

Date: 2022-12-14

On behalf of TUV SUD BABT UNLIMITED