



Danmark

Annex to Marine Equipment Directive 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 ^{Note 1}
rescueME EPIRB3 Category 2 AIS EPIRB ^{Note 2}

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 Implementing Regulation (EU)2022/1157

2.2 Compliance Requirements for MED/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_EPIRB3 - EPIRB3 Pro MED DofC 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 type of equipment, which have not been notified to, and agreed with TÜV SÜD DANMARK ApS or a person appointed by TÜV SÜD DANMARK ApS to perform that role.

During the period of validity of this certificate the applicable regulations (international conventions and relevant resolutions and circulars of the IMO) and testing standards of the Commission Implementing Regulation may change, therefore the product conformity may need to be re-assessed by TÜV SÜD DANMARK ApS.

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 the directive is fully complied with and controlled by a written inspection agreement with a notified body.

Signature:

A handwritten signature in blue ink that reads 'T. J. Twynam'.

(Thomas J. Twynam)

Date:

2022-11-18

On behalf of TÜV SÜD DANMARK ApS