

Annex to Marine Equipment Directive Module B Type Examination Certificate



Danmark

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

ACR_EPIRB3 - EPIRB3 Pro MED DoF 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 363, dated 2022-10-14 and TAC 1363 (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:

2022-12-12

On behalf of TÜV SÜD DANMARK ApS