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ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Danmark

Marine Equipment Directive EC Type Examination Module B Certificate

This is to certify that TÜV SÜD Danmark 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)2019/1397
Certificate Holder and Manufacturer	ACR Electronics, Inc. 5757 Ravenswood Road Fort Lauderdale FL 33312 United States of America
EC Representative	Mr. K. Nieuwenhuis Ocean Signal Ltd. Melkbon 39 1602 JD Enkhuizen The Netherlands
Product(s)	RLB-36 RLB-37
Product Sector	Radiocommunication 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.

Valid from: 21 October 2019 (Signature) *M Hardy* Expiry Date: 20 October 2024

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 BAAT@TUV-SUD.CO.UK



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Annex to Marine Equipment Directive Module B Type Examination Certificate

1 Equipment Description

406 MHz EPIRB (COSPAS-SARSAT)

1.1 Models

Model	Description
RLB-36	Globalfix iPRO
RLB-37	Globalfix PRO

1.1.1 Optional Components

Model	Description
SeaShelter3	Hydrostatic Release Bracket
HydroFix	Universal Hydrostatic Release (HRU)
LowPro3	Cat. II EPIRB bracket

1.2 Software

Version	Description
Rev B	Software K3-01-0105

2 Assessed Requirements

2.1 Implementing Regulation (EU)2019/1397

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.662(16) IMO Res. A.696(17) IMO Res. A.810(19) as amended by: IMO Res.MSC.56(66) & IMO Res.MSC.120(74) IMO Res MSC/Circ. 862 ITU-R M.633-4 ITU-R M.690-3	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



Annex to Marine Equipment Directive Module B Type Examination Certificate

3 Technical Documentation

3.1 Declaration of Conformity

Declaration of Conformity RLB-36, DOC Y1-15-0004D1	Dated	2019-10-10
Declaration of Conformity RLB-37, DOC Y1-15-0005D1	Dated	2019-10-10

3.2 User Guide

RLB-36 Manual Y1-03-0233L	Modified	2019-10-08
RLB-37 Manual Y1-03-0242J	Modified	2019-08-30

3.3 Test Reports

75928177 Report 05 Issue 1	Issued	2015-10-19
15R027 ER Issue#1	Issued	2015-01-29
75916870 Report 08 Issue 1	Issued	2012-08-02
BSH/46121/4142297/12	Issued	2012-06-06
75902695 Report 04 Issue 2	Issued	2008-09-17
75902695 Report 01 Issue 3	Issued	2008-06-17

3.4 Build Status

3.4.1 Hardware

Block Diagram RLB-36, Y1-01-0753B	Modified	2019-10-09
Block Diagram RLB-37, Y1-01-0755B	Modified	2019-10-09
RLB-36 Parts List, A3-07-0372B	Modified	2019-10-09
RLB-37 Parts List, A3-07-0374B	Modified	2019-10-09
RLB-36 PCB, A3-07-0372B	Modified	2019-10-09
RLB-37 PCB, A3-07-0374B	Modified	2019-10-09

3.5 Notes

- Note 1 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 2 Marine 406 MHz COSPAS-SARSAT EPIRBs form a distress alerting component of the Global Maritime Distress and Safety System (GMDSS). These EPIRBs have been granted COSPAS-SARSAT Type Approval Certification No. 284 dated 7 February 2017.
- Note 3 These EPIRBs are tested and assessed to Class 2 temperature requirements.
- Note 4 These EPIRBs can be supplied together with an automatic release bracket. The assembly of these EPIRBs in the SeaShelter3 Hydrostatic Release Bracket fitted with the HydroFix Universal Hydrostatic Release (HRU) form a Category I automatic float free release EPIRB for use within the GMDSS. These brackets have been tested for correct hydrostatic release at temperatures of -30°C and +70°C. The HydroFix Universal Hydrostatic Release (HRU) has been granted USCG Certificate of Approval 160.162/13/0 dated 14 April 2016.
- Note 5 These EPIRBs can be supplied together with a manual release bracket. The assembly of these EPIRBs in the LowPro3 Category II EPIRB bracket form a carry-off EPIRB (Category II) complying with Annex 1 of IMO Resolution A.810(19) except clause 2.2. Their installation on vessels may be restricted by administrations until the mandatory carriage requirements for Category I EPIRBs are satisfied.

4 Additional Information

The products listed on this certificate were originally assessed and certified by BSH-Cert under Notified Body number 0735. This certificate replaces BSH-Cert Certificate Number 4581/001/5062664/14.

Annex to
Marine Equipment Directive Module B Type
Examination Certificate



5 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 TÜV SÜD Denmark or a person appointed by TÜV SÜD Denmark 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 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 Annex B of the directive is fully complied with and controlled by a written inspection agreement with a notified body.

Signature: <u>M Hardy</u>	Date: <u>21 October 2019</u>
Print Name: <u>MICHELLE HARDY</u>	
On behalf of TÜV SÜD Denmark	