



Danmark

Marine Equipment Directive EC Type Examination Module B Certificate

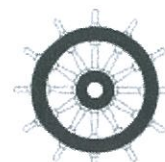
This is to certify that TÜV SÜD Danmark did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Marine Equipment Directive (2014/90/EU) requirements, under the following Implementing Regulation for the listed types of equipment

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)	GlobalFix™ V4 / RLB-41
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: 22 October 2019 (Signature) *M Hardy* Expiry Date: 10 February 2021

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 BABT@TUV-SUD.co.uk



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Annex to Marine Equipment Directive Module B Type Examination Certificate



1 Equipment Description

406 MHz GPS Emergency Position Indicating Radio Beacon (EPIRB)

1.1 Models

Model	Description
RLB-41	GlobalFix™ V4

1.1.1 Product Components

Part No.	Description
2830	Category I 406MHz EPIRB Beacon
2831	Category II 406MHz EPIRB Beacon
2832	Float-free Auto Housing (Category I)
2833	Manual Release Housing (Category II)

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

3 Technical Documentation

3.1 Declaration of Conformity

Declaration of Conformity RLB-41, Y1-15-0006C

Dated

2019-10-18

3.2 User Guide

Product Support Manual GlobalFix™ V4 406 MHz GPS EPIRB
Y1-03-0280 Rev. T5

Dated

2016-02-04



Annex to Marine Equipment Directive Module B Type Examination Certificate

3.3 Test Reports

3.3.1 IEC 61097-2 (2008)

75927040 Report 01 Issue 1	Issued	2015-07-15
75927040 Report 04 Issue 1	Issued	2015-11-06

3.3.2 IEC 60945 (2002) inc. Corr.1 (2008)

75927040 Report 02 Issue 2	Issued	2015-11-06
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3.4 Build Status

3.4.1 Hardware

Circuit Diagram: Y1-01-0772, Revision F	Dated	2015-06-03
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3.4.2 Software ^{Note 2}

K3-01-0122, Version B, Release 2014-10-15

3.5 Notes

Note 1 The RLB-41 is a Class 2 EPIRB. Operational temperature range: -20° C to +55° C; Storage temperature range: -30° C to +70° C.

Note 2 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.

4 Additional Information

The products listed on this certificate were originally assessed and certified by TÜV SÜD BABT under Notified Body number 0168. This certificate replaces TÜV SÜD BABT Certificate Number BABT-MED000086 Issue 01.

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: M Hardy

Date: 22nd October 2019

Print Name: MICHELLE HARDY

On behalf of TÜV SÜD Denmark