

CERTIFICATE

of
EC Type-examination (Module B)

Certificate No: 202120003/AA/00

Product Category: MED/5.6

With respect to Marine Equipment Directive 2014/90/EU and the implementing Regulation (EU) 2019/1397, Telefication Notified Body 0560 declares that the equipment:

Product description: **406 MHZ EPIRB (Cospas-Sarsat)**

Trademark: **SafeSea**

Type designation: **EPIRB1 Pro (Float free)**

Serial No: –

Hardware / Software version: **01.00 / 01.01**

Variants: **See Annex 3**

Manufacturer: **Ocean Signal Ltd.**

Address: **Ocean Way**

City: **CT9 4NN MARGATE**

Country: **United Kingdom of Great Britain and Northern Ireland**

Complies with the international instruments and test standards as listed in the Annex.

This certificate is granted to:

Name: **Ocean Signal Ltd.**

Address: **Ocean Way**

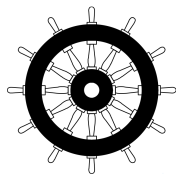
City: **CT9 4NN MARGATE**

Country: **United Kingdom of Great Britain and Northern Ireland**

Validity of this certificate expires on date: **23 January 2025**

This certificate has **THREE** Annexes.

Zevenaar, 24 January 2020



Willem Jan Jong
Manager Product Certification



General conditions

- Each product to which this certificate relates shall be provided with Marine markings. The Marine marking consist of symbol in the form of a wheel followed by the identification number of the responsible Notified Body for module D, E, F or G, and by the last two digits of the number of the year in which the mark is affixed.
- The holder of this Certificate has drawn up a Declaration of conformity to type with Directive 2014/90/EU and Implementing Regulations, declaring that the product(s) described in this EC Type- examination certificate, satisfy the requirements that apply to them.
- Each product shall be identified by means of type, batch and/or serial numbers and the name of the manufacturer and/or importer.
- If the equipment is to be modified, Telefication shall be notified immediately. Depending on the modifications, Telefication may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new Implementing Regulation may void the validity of this certificate regarding (re)placement of the product onboard ships.

Remarks and observations

The following conditions are applicable:

The device includes a 121.5 MHz homing facility and a GPS.

Type EPIRB1: non-float free, manual activation.

Type EPIRB1 Pro: float free, automatic activation.

Difference between EPIRB1 and EPIRB1 Pro is the ability to retract the antenna.

Documentation lodged for this EC type-examination

Test Reports:

- Public Enterprise Testing Centre Omega: 14/171 Issue 3, 06 August 2014
- Public Enterprise Testing Centre Omega: 14/508 Issue 2, 02 October 2014
- TÜV SUD Product Service: 75946431 Report 02 Issue 1, 19 December 2019
- TÜV SUD Product Service: 75947245 Report 1 Issue 1, 21 November 2019

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Internal photos
- Manual
- Test setup photos
- Cospas Sarsat TAC: 256, issued 3 November 2014

International Instruments and test standards

The equipment complies with:

IEC 60945	August, 2002	Edition 4
IEC 60945/Corrigendum 1	April, 2008	Edition 4
IEC 61097-2	January, 2008	Ed. 3.0
IMO Resolution A.694(17)	1991	
IMO Resolution A.810(19)	1995	
ITU-R M.633-4	December, 2010	

Technical features and characteristics

The product includes the following features and characteristics:

EPIRB equipment

- Operating frequency range: 406.040 MHz
- ITU designation: 16K0G1D
- Modulation method(s): FM
- Maximum output power: 5 W

EPIRB equipment

- Operating frequency range: 121.5 MHz
- ITU designation: 3K20A3K
- Modulation method(s): AM
- Maximum output power: 0.05 W

GPS receiver

- Operating frequency range: 1575.42 MHz

Trademarks and Type designations:

The product as described in this EC type-examination includes the following type designations:

- Product description:	406 MHZ EPIRB (Cospas-Sarsat)
- Trademark:	SafeSea
- Type designation:	EPIRB1 Pro (Float free)
- Hardware version:	01.00
- Software version:	01.01
- Serial number:	--

- Product description:	406 MHZ EPIRB (Cospas-Sarsat)
- Trademark:	rescueME
- Type designation:	EPIRB1 (Carry of)
- Hardware version:	01.00
- Software version:	01.01
- Serial number:	--