



# **EU Type Examination Certificate**

Certificate No: DK-RED002698 i01

**Certificate Holder:** 

Ocean Signal Ltd Unit 4 Ocivan Way

Margate, CT9 4NN UNITED KINGDOM

**Product Type:** 

Marine distress beacon

**Emergency Position Indicating Radio Beacon** 

Model(s):

EPIRB2 Pro

EPIRB2

We, TÜV SÜD DANMARK ApS, as Notified Body number 2443, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

**Essential Requirements:** 

Article 3.1 (a) in respect of Health and Safety

Article 3.1 (b) in respect to EMC

Article 3.2 in respect to the use of the Radio Spectrum

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Article 3.3g in respect to R&TTED related Commission Decisions

This is based upon examination of the following Technical Data file. Please refer to the Annex for further technical details.

**Technical Documentation:** 

EPIRB2

Valid from:

2023-05-23

(Jonathan Lea)

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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 CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the Annex. For further details related to this certification please contact BABT@tuvsud.com

Issued by TÜV SÜD DANMARK ApS under document number: REDK6 083844 0004 Rev. 00 TÜV SÜD DANMARK ApS • Strandvejen 125 • 2900 Hellerup • Denmark



# 1 **Equipment Description**

406 MHz Emergency Position Indicating Radio Beacon (EPIRB).

#### 1.1 Models

	Model	Variant HW/SW Differences	HW Version	SW Version
Original	EPIRB2 Pro	Fixed antenna	01.00	01.00
Variant	EPIRB2	Retractable antenna	01.00	01.00

#### 1.2 Supported Functions and Features

#### 1.2.1 Non-radio features

Internal LiFeS<sub>2</sub> battery pack, ON/OFF and TEST keys, indicator LED, strobe lights, lanyard.

#### 1.2.2 Radio features

Radio	Features	Operating Spectrum / Power
406 MHz	Cospas-Sarsat	406.031 MHz 12 W EIRP
121.5 MHz	Homing signal	121.5 MHz 50 mW PERP
GNSS	GPS, Galileo, RLS	1575.42 MHz Receive only
NFC	-	13.56 MHz

#### 1.3 Accessories

None.

#### 2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2	Article 3.3g R&TTE related
EN 62368-1:2014+A11:2017 EN 62479:2010	EN 301 489-1 V2.2.3 Draft EN 301 489-3 V2.3.0 Draft EN 301 489-19 V2.2.0 IEC 60945:2002 incl. IEC 60945 Corrigendum 1:2008	C/S T.007 Issue 5 Rev.7 EN 300 330 V2.1.1 EN 303 413 V1.1.1 IEC 61097-2:2021	IEC 61097-2:2021 IEC 61108-1:2003 IEC 61108-3:2010

#### 3 Technical Documentation

#### 3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

#### 3.2 Declarations

Declarat	ion of conformity - EPIRB2 Pro_EPIRB2 rev1	Dated	2023-05-15
3.3	Strategic Documentation		
EPIRB2	(Pro) Risk Assessment (EU) Issue 1.01	Issued	2023-05-16

# Annex to EU-Type Examination Certificate



2023-04-17

Issued

#### 3.4 Technical Compliance Documentation

3.4.1	<b>Article</b>	3.1	(a)
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921S-04780 Issue 01.00 921S-04635 Issue 01.00	Issued Issued	2023-04-0 2023-04-0
3.4.2 Article 3.1(b)		
75952867-04 Issue 02	haussl	2022-00-30

#### 3.4.3 Article 3.2

75958076-01 Issue 01

75950037-05 Issue 01	Issued	2022-04-07
75950037-08 Issue 01	Issued	2022-04-07
75952867 Report 01 Issue 5	Issued	2022-08-02
75952867-06 Issue 02	Issued	2022-11-17
75952867 Report 02 Issue 2	Issued	2023-02-16

#### 3.4.4 Article 3.3

BSH/454.GNSS/TUVSUDLtd/9	Issued	2021-12-10
75950037 Report 10 Issue 1	Issued	2022-03-25
75950037 Report 09 Issue 1	Issued	2022-05-16
75952867-06 Issue 02	Issued	2022-11-17

### 4 Additional Information

None.

## **5** Conditions of Validity

None.

Signature: 2023-05-23

Print Name: (Jonathan Lea)

On behalf of TÜV SÜD DANMARK ApS