



Danmark

Marine Equipment Directive EC Type Examination Module B Certificate

This is to certify that TÜV SÜD DANMARK ApS 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) 2024/1975
Certificate Holder and Manufacturer	Ocean Signal Limited Unit 4 Ocivan Way Margate Kent, CT9 4NN United Kingdom
EC Representative	Mr Kris Nieuwenhuis Ocean Signal Limited Paktuinen Enkhuizen 1602 Enkhuizen The Netherlands
Product(s)	Pathfinder Pro
Product Sector	Navigation Equipment
Product Type	MED/4.18 Search and rescue locating devices (SRLD): 9GHz SAR Transponder (SART)

and on the basis of the Technical Data and information detailed in the Annex to this certificate.

Valid from: 22 September 2025 (M J Hardy)

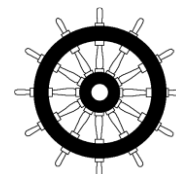
M Hardy

Expiry Date: 21 September 2030

This certificate has been issued in accordance with the TÜV SÜD Testing, Certification Validation and Verification 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@tuvsud.com



2443

Issued by TÜV SÜD DANMARK ApS under document number: DK-MED001120 Issue 04

Page 1 of 3

TÜV SÜD DANMARK ApS • Johanne Møllers Passage 1, 3. sal • 1799 Copenhagen V • Denmark



Danmark

Annex to Marine Equipment Directive Module B Type Examination Certificate

1 Equipment Description

Search and rescue locating devices (SRLD): 9 GHz SAR transponder (SART).

1.1 Models

Model
Pathfinder Pro

1.2 Product Components

Identity	Description
Pathfinder Pro	SART Main Unit
2920	Battery Unit (LiFeS2)
711S-01802	Telescopic Mounting Pole

2 Specified Requirements

2.1 Implementing Regulation (EU) 2024/1975 MED/4.18 Row 2 of 2

Type approval requirements	Carriage and Performance Requirements
SOLAS 74 Reg. III/4 SOLAS 74 Reg. IV/14 SOLAS 74 Reg. V/18 SOLAS 74 Reg. X/3 IMO Res. MSC.36(63)-(1994 HSC Code) 13 IMO Res. MSC.97(73)-(2000 HSC Code) 13	SOLAS 74 Reg. III/6 SOLAS 74 Reg. IV/7 SOLAS 74 Reg. III/26 IMO Res. A.694(17) IMO Res. MSC.36(63)-(1994 HSC Code) 8 IMO Res. MSC.36(63)-(1994 HSC Code) 14 IMO Res. MSC.97(73)-(2000 HSC Code) 8 IMO Res. MSC.97(73)-(2000 HSC Code) 14 IMO Res. MSC.510(105) ITU-R M.628-5 (03/2012)
Assessed Testing Standards	
IEC 60945:2002 incl. IEC 60945 Corr. 1:2008	IEC 61097-1:2007

3 Technical Documentation

3.1 Declaration of Conformity

EC Declaration of Conformity Dated 2025-06-25

3.2 User Guide

Pathfinder Pro User Manual 912S-02017 Issue 02.00 Dated 2024-03-13

3.3 Test Reports

3.3.1 IEC 60945 & IEC 61097-1

10/591 Issued 2010-09-23

3.4 Build Status

3.4.1 Hardware

SART Circuit Diagram 910S-00156 Issue 01.00 Dated 2010-10-05
General Assembly 900S-00541 Issue 03.00 Dated 2012-01-06
PCB Assembly 800S-00156 Issue 02.00 Dated 2013-02-06

3.4.2 Software

Firmware 500S-00740 Issue 01.00

Annex to Marine Equipment Directive Module B Type Examination Certificate



Danmark

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, Certification, Validation and Verification Regulations.
- Note 2 In accordance with IEC 61097-1, Clause 6.7, it has been determined that the Pathfinder Pro operates correctly when interrogated at a distance of up to at least 7.1 nautical miles by a navigation radar complying with IMO Resolution A.477(XII) and A.222(VII) with an antenna height of 15 meters.

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:

M Hardy
(M J Hardy)

Date:

22/09/2025

On behalf of TÜV SÜD DANMARK ApS