

EU Type Examination Certificate

Certificate No: DK-RED003521 i01

Certificate Holder: Marine Rescue Technologies Limited
Anlaby
Unit J1, Springfield Way
Hull, HU10 6RJ
UNITED KINGDOM

Product Type: Search and rescue locating devices
DSC Class M Maritime Survivor Locating Device (MLSD)

Model(s): sMRT V300; sMRT Alert

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
Article 3.3 in respect to emergency access

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

Technical Documentation: sMRT V300; sMRT Alert

Valid from: 2025-09-25



(Jonathan Lea)

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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

Annex to EU-Type Examination Certificate

1 Equipment Description

DSC Class M Maritime Survivor Locating Device (MLSD)

1.1 Models

	Model	Variant HW/SW Differences	HW Version	SW Version
Original	sMRT V300	AIS, DSC. 121.5 MHz	V1.2	sMRTV300_v_1_1_2
Variant	sMRT Alert	121.5 MHz signal disabled	V1.2	sMRTV300_v_1_1_2

1.2 Supported Functions and Features

1.2.1 Non-radio features

None

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
AIS	GFSK	161.975 MHz 162.025 MHz	618.68 mW EIRP
DSC	FSK	156.525 MHz	539.34 mW EIRP
Homer	AM	121.5 MHz	52.89 mW EIRP
GNSS	GPS, GLONASS, Beidou, Galileo, SBAS	L1 C/A, G1, B1I, E1, L1.....	Receive Only

1.3 Accessories

Model/Part Number	Description
713020322	Belt Pouch
713020300, 713020301	Clipping System

2 Assessed Standards

Essential Requirement	Standards		
Article 3.1(a) Safety	IEC 61108-3:2010 EN 303 132 V2.1.1	IEC 63269:2022 EN 62368-1:2020 + A11:2020	IEC 62368-1:2018
Article 3.1(a) Health	EN 62311: 2020	EN 62479: 2010	
Article 3.1(b) EMC	EN 301 843-1 draft V2.3.1 EN 301 843-8 draft V2.3.1	EN 60945: 2002	
Article 3.2 RF spectrum	EN 303 132: V2.1.1 IEC 63269: 2022	RTCM 11901.2: November 15, 2024 EN 303 413 V1.2.1	
Article 3.3(g) Emergency services	EN 303 132: V2.1.1 IEC 63269: 2022	IEC 61108-3:2010	

Annex to EU-Type Examination Certificate

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

Declarations of Conformity Drafts	Dated	2025-06-19
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3.3 Strategic Documentation

V300_Alert Risk Analysis	Issued	2025-09-18
Article 10(2) Compliance	Issued	2025-09-18
sMRT V300_Alert Justifications	Issued	2025-09-18

3.4 Technical Compliance Documentation

3.4.1 Article 3.1(a) Safety

75962509 Report 01 Issue 2	Issued	2025-07-04
75962509-02 Issue 01	Issued	2025-08-14
75962509-06 Issue 01	Issued	2025-08-14
R24-6420	Issued	2024-06-25
R24-6637	Issued	2025-04-02

3.4.2 Article 3.1(a) Health

TRA-065754-47-00A	Issued	2024-10-14
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3.4.3 Article 3.1(b) EMC

07-14771-1-24	Issued	2024-08-19
01-14857-2-25	Issued	2025-03-11
07-14771-2-24	Issued	2024-08-21
05-14857-3-25	Issued	2025-07-28

3.4.4 Article 3.2 RF Spectrum

75962509-04 Issue 01	Issued	2025-08-26
75962509-05 Issue 01	Issued	2025-08-26
75962509-07 Issue 01	Issued	2025-08-14
ETSI EN 303 413 Report MIA-M10Q ID4884 161122	Issued	2022-11-16

3.4.5 Article 3.3(g) Emergency services

75962509-03 Issue 01	Issued	2025-07-10
75962509 Report 01 Issue 2	Issued	2025-07-04

4 Additional Information

None

5 Conditions of Validity

None

Signature:

A handwritten signature in black ink, appearing to read 'Jonathan Lea'.

Date:

2025-09-25

(Jonathan Lea)

On behalf of TÜV SÜD DANMARK ApS