ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Type Examination Certificate

Certificate No: UK-RER003003 i01

Certificate Holder: **Jotron AS**
Ringdalskogen 8
3270 Larvik
NORWAY

Product Type: **Locator Beacon**
Personal Locator Beacon (PLB)

Model(s): **Tron SA20 PLB**

We, TUV SUD BABT, UK Market Conformity Assessment Body number 0168, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Schedule 3 Module B of The Radio Equipment Regulations 2017 as amended, in relation to the following essential requirements covered by the examination

Essential Requirements: Regulation 6(1)(a) in respect of Health and Safety
Regulation 6(1)(b) in respect to EMC
Regulation 6(2) in respect to the Radio Spectrum

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

Technical Documentation: Tron SA20 PLB

Valid from: 2024-06-25

(Stephen Milliken)

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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

TUV SUD BABT Unlimited is an Approved Body according to the Radio Equipment Regulations 2017 as amended with the identification number 0168.

Annex to Type Examination Certificate

1 Equipment Description

Personal Locator Beacon (PLB)

1.1 Models

	Model	HW Version	SW Version
Original	Tron SA20 PLB	R03	1.3

1.2 Supported Functions and Features

1.2.1 Non-radio features

None.

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power
121.5 MHz Transmitter	-	121.5 MHz / 20 dBm
406 MHz Cospas-Sarsat Transmitter	-	406.031 MHz / 36 dBm
NFC	-	13.56 MHz
GNSS (GPS, GALILEO, GLONASS))	-	1575.42 MHz, 1598.0625-1609.3125 MHz Receive only

1.3 Accessories

None.

2 Assessed Standards

Regulation 6(1)(a)	Regulation 6(1)(b)	Regulation 6(2)
EN IEC 62368-1:2020 + A11:2020 EN 50566:2017 EN 62209-2:2010 + A1:2019	EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2 EN 301 489-19 V2.2.1 EN 301 489-22 V2.1.1 EN 301 843-1 V2.2.1 IEC 60945:2002 + Cor1:2008	EN 300 330 V2.1.1 EN 303 413 V 1.2.1 EN 302 152-1 V1.1.1 Cospas-Sarsat T.007 Issue – 5 Rev. 9

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the-type examination requirements in conjunction with Schedule 5 requirements of the Radio Equipment Regulations 2017 as amended.

3.2 Declarations

Declaration of conformity - DRAFT_19.06.2024_v.02_TronSA20PLB Issued 2024-06-24

3.3 Strategic Documentation

Risk Assessment_RED and RER_TronSA20PLB	Issued	2024-06-24
Description of the EUT_TronSA20PLB_rev.02	Issued	2024-02-09

3.4 Technical Compliance Documentation

3.4.1 Regulation 6(1)(a)

REP007651	Issued	2023-06-28
CE SAR report_Tron SA20_ID5305_03022023	Issued	2023-02-16

3.4.2 Regulation 6(1)(b)

REP007296C	Issued	2023-12-08

3.4.3 Regulation 6(2)

REP013038C	Issued	2023-12-08
REP007400C	Issued	2023-12-08
75956621-02 Issue 01	Issued	2024-01-29
75956621-08 Issue 03	Issued	2023-10-17

4 Additional Information

None.

5 Conditions of Validity

None.

Signature:  Date: 2024-06-25

(Stephen Milliken)

On behalf of TUV SUD BABT UNLIMITED