

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)2019/1397
Certificate Holder and Manufacturer	Jotron AS Ringdalskogen NO-3270 Larvik Norway
Product(s)	Tron TR30 GMDSS and Maritime VHF Radio Tron TR30 GMDSS JHS-207 Two-way VHF Radiotelephone (JHS-207M package) JHS-207 Two-way VHF Radiotelephone (JHS-207G package)
Product Sector	Radiocommunications Equipment
Product Type	MED/5.17 Portable Survival Craft two-way VHF Radiotelephone Apparatus

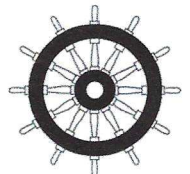
and on the basis of the Technical Data and information detailed in the Annex to this certificate.

Valid from: 10 June 2020


(Tom Twynam)

Expiry Date: 12 October 2021

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 Conditions for the validity of this certificate are listed in the Annex.
For further details, related to this certification please contact BABT@TUV-SUD.co.uk



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ZERTIFIKAT ◆ CERTIFICATE ◆ 認證書 ◆ CERTIFICADO ◆ CERTIFICAT

Annex to Marine Equipment Directive Module B Type Examination Certificate

1 Equipment Description

GMDSS and Maritime VHF Radio

1.1 Models

Model
Tron TR30 GMDSS and Maritime VHF Radio
Tron TR30 GMDSS
JHS-207 Two-way VHF Radiotelephone (JHS-207M package)
JHS-207 Two-way VHF Radiotelephone (JHS-207G package)

1.1.1 Main Components

Jotron Part No.	JRC Part No.	Description
87950	JHS-207M	Tron TR30 GMDSS and Maritime VHF Radio
83446	JHS-207G	Tron TR30 GMDSS
101035	NBB-789	TR30 Emergency GMDSS Battery
101036	NBB-748	TR30 Rechargeable LiPo Battery
102918	7ABJD0009	TR30 Antenna
101037	NJD101037	TR30 Battery Charger RCH-30
101038	NJD101038	TR30 Switching Power Supply
101034	7ZXJD0185	Belt Clip & Wrist Strap

1.1.2 Optional Components

Jotron Part No.	JRC Part No.	Description
101710	NBB-788	TR30 Test Battery
81341	7UMJD0021	TR30 Speaker Microphone
89449	7ZZJD0128	TR30 Carry case
103000	NJD103000	Peltor Basic Headset with Headband
19601	NJD19601	TR30 Headset Push to talk module

1.2 Software

Version
3.1

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2 Assessed Requirements

2.1 Implementing Regulation (EU)2019/1397

2.2 Compliance Requirements for MED/5.17 Portable Survival Craft two-way VHF Radiotelephone Apparatus

IMO Resolutions	International Testing Standards	
IMO Res.A.809(19) IMO Res.MSC.149(77) ITU-R M.489-2	IEC 61097-12:1996 + Amendment 1:2017	Global maritime distress and safety system (GMDSS) –Part 12: Survival craft portable two-way VHF radiotelephone apparatus – Operational and performance requirements, methods of testing and required test results
IMO Res.A694(17)	IEC 60945:2002	General Requirements for Marine Navigation Equipment (Inc. Corr1:2008)

3 Technical Documentation

3.1 Declaration of Conformity

24.04.2020_v.20_TronTR30GMDSS and Maritime VHF Radio_DoC Dated 2020-04-24

3.2 User Guide

Draft Tron TR30 User Manual V-A Dated 2016-05-09
JHS-207 Instruction Manual, 7ZPJD0793 Edition 1 Dated 2020-04-02

3.3 Test Reports

3.3.1 IEC 61097-12 (1996) + Am 1 (2017) & IEC 60945 (2002) inc. Corr.1

75933035 Report 07 Issue 3	Issued	2016-10-12
75933035 Report 01 Issue 1	Issued	2016-08-26
75933035 Report 08 Issue 1	Issued	2016-10-05
6P05223	Issued	2016-07-05
15533	Issued	2016-06-03
45461349E-R1.0	Issued	2016-08-15
75941065 Report 01 Issue 1	Issued	2018-01-04

3.4 Build Status

3.4.1 Hardware

Overall Build Level: R1739
Circuit Diagram 87081 Dated 2012-04-26

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 and Certification Regulations.



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4 Conditions of Validity

This certificate ceases to be valid if the manufacturer makes any changes or modifications to the approved 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.

Should the specified regulations (internal conventions and the relevant resolutions and circulars of the IMO) or standards be amended and enforced through an Implementing Regulation during the validity of this certificate, the product(s) is/are to be reapproved prior to it/them being placed on the market or onboard vessels to which the amended regulations or standards apply.

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 Annex B of the directive is fully complied with and controlled by a written inspection agreement with a notified body.

Signature: *T. J. Twynam*
(Tom Twynam)

Date: 2020-06-10

On behalf of TÜV SÜD DANMARK ApS