



Maritime &
Coastguard
Agency



Notified body authorised by the MCA

Marine Equipment Directive EC Type Examination Module B Certificate

No: **BABT-MED000108 Issue 01**

This is to certify that TUV SUD BABT 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/ Amendment for the listed types of equipment

Implimenting Regulation/ Amendment	2015/559/EU
Certificate Holder and Manufacturer	Jotron AS Innlaget 230 NO-3185 Skoppum Norway,
Product(s)	Tron TR30
Product Sector	Radio
Product Type	Annex A.1/5.17 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: 14 October 2016


(Signature)

Expiry Date: 13 October 2021

This certificate has been issued in accordance with the Certification Regulations of TUV SUD BABT (Notified Body Number 0168) 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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Issued by TUV SUD BABT under document number BABT-MED000108 Issue 01

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Description of Equipment

GMDSS and Maritime VHF Radio

Model: Tron TR30

Components:		Part No.
	Tron TR30 GMDSS and Maritime VHF Radio	87950
	Lithium Non-rechargeable Battery	87086
	Belt Clip	87646
	Wrist Strap	80083

Compliance Matrix For MED 2015/559/EU Item A.1/5.17

IMO Resolutions	International Testing Standards	
IMO Res.A.809(19) IMO Res.MSC.149(77) ITU-R M.489-2	IEC 61097-12:1996	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)

Relevant Technical Documentation

Supplier's Declaration(s) of Conformity:

DRAFT_06.10.2016_v.02_Tron_TR30_GMDSS_and_Maritime VHF Radio_DoC, 2016-10-10

User Guide:

Draft Tron TR30 User Manual V-A, 2016-05-09

Test report numbers:

IEC 61097-12 (1996) & IEC 60945 (2002) inc. Corr 1 (2008):
75933035 Report 07 Issue 3, 2016-10-12
75933035 Report 01 Issue 1, 2016-08-26
75933035 Report 08 Issue 1, 2016-10-05
6P05223, 2016-07-05
15533, 2016-06-03
45461349E-R1.0, 2016-08-15

Approved Software^{Note 1}: Version 2.0.2b

Approved Hardware : Overall Build Level R1610
Circuit Diagram 87081, 2012-04-26



Conditions of Validity

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with TUV SUD BABT or a person appointed by TUV SUD BABT to perform that role.

Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reapproved prior to it/them being placed on the Market or on board 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."

Signed: *T. J. Turquand*
on behalf of TUV SUD BABT

Date: *14th October 2016*