



EC Type-Examination Certificate

N°. MED-B-14251

This is to certify that Nemko AS did undertake the relevant Type Approval Procedures for the product identified below

The product

406 MHz EPIRB (COSPAS-SARSAT)

Designated

TRON 40VDR

Manufactured by

Jotron AS

Address

Østbyveien 1, P.O.Box 54, NO-3280, Tjodalyng, Norway

which was found to be in compliance with the requirements of the Navigation equipment of the Marine Equipment Directive (MED) 96/98/EC, as amended, last amended by Directive 2012/32/EU of 25 October 2012, subject to any conditions in the schedule of approval attached hereto.

Specified regulations and standards:

Module B of the Directive. Solas 74 as amended Reg. IV/7, Reg. X/3, IMO Res. A.662 (16), IMO Res. A.694 (17), IMO Res. A.696 (17), IMO Res. A.810 (19), IMO Res. MSC.36(63)-(1994 HSC Code) 14, IMO Res. MSC.97 (73)-(2000 HSC Code)14,IMO MSC/Circ.862, IMO COMSAR Circ.32, ITU-R M.633-3 (05/04), ITU-R M.690-1 (10/95). IEC 60945 ed.4:2002 incl. corr.1 2008, IEC 61097-2(2008)
Note: IMO MSC/Circ.862 is applicable to the optional remote activation device, not to the EPIRB itself.

This certificate loses its validity if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to and agreed upon with Nemko. Before any software changes are implemented, the changes must be recorded and documentation must be provided to Nemko for review and acceptance. Major software changes must be approved by Nemko prior to any implementation. Should the specified regulations or standards be amended during the validity of this certificate, the products are to be re-approved prior to them being placed on board vessels to which the amended regulations or standards apply.

The attached Schedule of Approval forms part of this certificate. The certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Place and date of issue: Oslo 2014.06.19

Issued by: Nemko AS, Notified Body EU Id # 0470

Date of expiry: 2019.06.19

Signed:

This certificate consists of 2 pages

Name: Roy Uggerud, Authorized Signatory

SCHEDULE OF APPROVAL

Product description

- Main unit(s): Jotron TRON 40VDR – 406 MHz EPIRB (COSPAS-SARSAT)
- Battery - Jotron battery pack E87457 assembled by SAFT LSH 14 light
- Software module (Module 87934) – SW v.2.0
- Float free bracket FB-40

Any limitations on the acceptance or use of the product or specific requirements

- Jotron TRON 40VDR to be used on vessels and life rafts in the maritime service

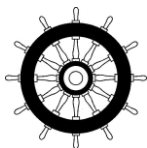
The approval documentation

Jotron AS User manual 87634_UM_TRON_40VDR_A
Test report by Nemko AS E13261.03, IEC 60945 (2002) and IEC 61097-2 (2008)
COSPAS-SARSAT- Test report TÜV 75924802 report 01 Issue 1

Additional information

- The equipment also fulfills relevant requirement for ship borne voyage data recorder for IEC 61996-1 regarding data storage.
Test report by Nemko AS E13261.03 for relevant parts of IEC 61996-1 (2013)

Limitations/restrictions



"The Mark of Conformity" (i.e. the Wheel mark) 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 (Production Quality Assurance), E (Product Quality Assurance), or F (Product Verification), of Annex B of the Directive (MED) is fully complied with and controlled by a written inspection agreement with a notified body."

Version history	Version difference	Date
1	Original version.	
2	Correction of typo in the certificate.	23.06.2014
3	Correction of Software version in the Software module	26.06.2014

----- End of certificate -----