



# EC TYPE EXAMINATION CERTIFICATE

## MED-B-16251

In compliance with Module B of Council Directive 96/98/EC of the European Parliament and as amended by the Council Directive EU 2015/559 of 9 April 2015, this certificate is issued to the manufacturer:

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

And applies to the product

**406 MHz EPIRB (COSPAS-SARSAT)**  
**TRON 40VDR**

This certificate attest that provisions according to type examination requirements given in

SOLAS 74/2009 Reg. IV/7  
SOLAS 74/2009 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.633-4 (12/10)

ITU-R M.690-2 (03/12)

IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)  
IEC 61097-2 (2008)

IMO MSC/Circ. 862

Note: IMO MSC/Circ. 862 is applicable only to the optional remote activation device, not to the EPIRB itself.

This certificate replaces certificate no MED-B-15202, which is revoked.

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. Software changes and updates: - See Product description in the Annex. 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.

Oslo, 2016-09-28

Date of expiry: 2021-09-28

Notified Body Id. no. 0470  
Nemko AS  
P.O. Box 73 Blindern  
NO-0314 Oslo, Norway

Roy Uggerud  
Nemko AS

**Annex I to EC Type-Examination Certificate, No. MED-B-16251**

**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  
Alternative float free bracket FBH-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

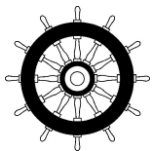
**The approval documentation**

Jotron AS User manual 87634\_UM\_TRON\_40VDR\_E  
Test report by Nemko AS E13261.03, IEC 60945 (2002) and IEC 61097-2 (2008)  
Test report by Nemko AS E16049.00, EN 60945 (2002), partial testing  
COSPAS-SARSAT- Test report TÜV 75924802 report 01 Issue 1

**Additional information**

The equipment also fulfils relevant requirement for ship borne voyage data recorder for IEC 61996-1 (2013) 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."

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