



EC TYPE EXAMINATION CERTIFICATE

MED-B-15192

In compliance with Module B of Council Directive 96/98/EC of the European Parliament and as amended by the Council Directive 2013/52/EU of 14 November 2013, 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 60S/TRON 60GPS
and
SIMRAD EP70EPIRB/SIMRAD EG70EPIRB

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.633-3 (05/04)
ITU-R M.690-1 (10/95)

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-13273, 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.

This product also fulfils the requirements of directive 2014/93/EU of 25 July 2014, which will enter into force 14 August 2015.

Oslo, 2015-05-08

Date of expiry: 2020-05-08

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-15192

SCHEDULE OF APPROVAL

Product description

Main unit(s): Jotron TRON 60S/TRON 60GPS – 406 MHz EPIRB (COSPAS-SARSAT)
Battery module - Energizer L91, Lithium/Iron Disulfide (Li/FeS₂) battery
Software module (Module 83057) – SW v.1.04
FB-60 – automatic float free bracket
MB-60 – manual bracket

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

Jotron TRON 60S/TRON 60GPS to be used on vessels and life rafts in the maritime service
With regards to the Directive 2014/93/EU, the manufacturer cannot issue a Declaration of Conformity with reference to this directive before 14 August 2015, subject to any national delays in the implementation of the Directive.

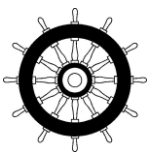
The approval documentation

Jotron AS – User Manual, 83080_UM_60GPS_E, rev 10.11.2011
Jotron AS – Technical Manual, 85866_TM_60S_GPS_A, rev. 13.01.12
Jotron AS – Principle Diagrams, Block Diagrams, Circuit Diagrams, Part/Component list, Label layouts
Omega – TEST REPORT No. 11/11 Issue 1, 4 January 2012. IEC 61097-2 (2008), IEC 60945 (2002) and RTCM 11000.2 (2002).
COSPAS-SARSAT – Type Approval Certificate, no. 222, dated 2. January 2012
Jotron AS – Statement MED-B and MED D Certification, dated 27.03.12

Alternative approval documentation for SIMRAD EP70EPIRB/SIMRAD EG70 EPIRB

Navico/SIMRAD – 000-10741-001 User Manual, EP70/EG70

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 -----