



N° 1099/12231

Intespace
L'Intelligence de l'Environnement
MARINE TYPE APPROVALS
N° 1099/12231
NOTIFIED BODY

For the « Directive 98/98/EC » under N° 0880



N° 1-0743

CERTIFICATE OF TYPE EXAMINATION

Module B Reference MED A1 / 5.6

Whereas, **Jotron Electronics A.S.**, of **Tjodalving, Norway**, the manufacturer of a **406 Megahertz Distress Beacon** packaged as an **EPIRB**, and identified as **Model : TRON 40 GPS** has submitted test data and had said beacon tested from **9 Mai 2000 to 1 February 2001**, to demonstrate that the said beacon meets the applicable technical requirement defined in documents :

C / S T.001 Issue 3 - Rev 3 October 1999

C / S T.007 « Cospas-Sarsat 406 MHz Distress Beacon Type Approval Standard » Issue 3- Rev.6- 6 October 1999, for frequency channel 406,025 MHz

Cospas Sarsat Type Approval Certificate N° 122, 6 November 2000

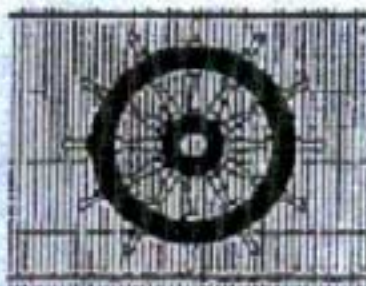
ETS 300-068- 2 September 1996

IEC 1097- 2 December 1994 ; IEC 60945 - 1996

EN 60945 Mai 1997

Now, therefore, in reliance upon the following, **Intespace, Notified Body**, does hereby certify that the **406 Distress Beacon Model** identified herein is in conformity with the **Standard Specifications**, with the **Technical Documentations**, allots this « **Type Examination Certificate N° ITS-NB-2001-01** »

Certificate Validity : 7 March 2001 until 6 March 2006



J.L. MARCE

Chairman & C. E.O

TEST HOUSE :**INTESPACE**

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RCS : TOULOUSE B 326 100 971 - SIRET : 326 100 971 00018 - APE : 743 B

Test Accreditation Body

COFRAC under N° 1- 0743

Test Report

M 2393 and M 2393 - ETS / IEC

Test Report Date

27 October 2000 and 1 February 2001**EQUIPMENT DETAILS.**

TRADE NAME :

Tron 40 GPS

MODEL / SYSTEM TITLE :

Tron 40 GPS

IDENTIFICATION NUMBER :

99755

NUMBER OF UNITS IN SYSTEM :

1STOWAGE BRACKET : **FB4 and FBH4 (DERA Certificate N° DERA-MED-27/99-OIR)**ANTENNA MODEL : **Internal**

BATTERY TYPE :

Chemistry :

Li-SOC2Manufacturer & Model N° : **SAFT LSH20**

Size & number of cells :

D x 4

TEMPERATURE RANGE :

Operationnal : **- 20° C to + 55° C**

Storage :

- 30° C to + 70° COPERATING LIFETIME : **48 hr**

EXTRA FEATURE IN BEACON :

Auxiliary Radio-Locating Device : Frequency : **121,5 MHz** Power : **20 dBm +/- 3 dBm**Transmitter Duty Cycle : **100%**Transmits Encoded Position Data : Nav. Device : **Internal** Type : **GPS**Manufacturer : **Connexant** Model : **Jupiter LPTU30-D160**Built-in Strobe light : Intensity : **0,85 Candela**Flash rate : **21 Flash/ minute**Transmits Long Message : **144 bits**Transmits Short Message : **112 bits**Automatic Activation : **Yes**