



Marine Equipment Directive Module B Type Examination Certificate

This is to certify that TÜV SÜD BABT did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Radio requirements of Marine Equipment Directive 96/98/EC as amended by Commission Directive 2010/68/EU and that the equipment of

Orolia Limited

of

Silver Point
Airport Service Road
Portsmouth
PO3 5PB
United Kingdom

known as

Smartfind GMDSS NAVTEX

conforms to the relevant requirements for a NAVTEX Receiver as defined in Marine Equipment Directive Annex A.1/5.3 as defined in Commission Directive 2010/68/EU

on the basis of the Technical Data and information detailed in the Annex to this certificate.

Signed:

On Behalf of TÜV SÜD BABT

Issue Date: 25th April 2012

Number: BABT-MED001054 Issue: 01

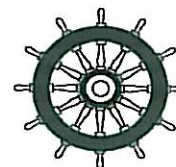
This certificate has been issued in accordance with the Certification Regulations of TÜV SÜD BABT (Notified Body Number 0168) and constitutes page 1 of the combined Certificate and Annex

This certificate is valid from 25th April 2012 until not later than 15th April 2015

The Conditions for the validity of this certificate are listed in the Annex.
For further details related to this certification please contact Customer.Services@babt.com

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0168



Marine Equipment Directive Module B Type Examination Certificate

Description of Equipment

GMDSS NAVTEX Receiver

Model: Smartfind GMDSS NAVTEX*^{1,2}

Standards

IEC 61097-6:2005
Inc. Amendment 1:2011
IEC 60945:2002 (Inc. Corr1:2008)

IMO Resolutions

MSC.148 (77)
A.694 (17)

Manufacturer:

Name: As Holder
Address: As Holder

Relevant Technical Documentation

User Guide: Smartfind GMDSS NAVTEX User & Installation Manual,
Part No. 93-204 Issue 1, 2010-08-16

Test report numbers: IEC 60945:2002 OO614796/02 Issue 3, 2006-03-15
(Inc. Corr1:2008) OO614796/01 Issue 1, 2006-03-15
SX614796/01 to 04 Issue 1, 2006-03-15
IEC 61097-6:2005 RM614796/01 Issue 1, 2006-03-16

Approved Software: 93-700Z Issue 2

Approved Hardware : Overall Build Level: 93-001F
Navtex Family Tree, 2011-08-09



Additional Information:

The product listed on this certificate was originally assessed and certified by QinetiQ under Notified Body number 0191. This certificate replaces QinetiQ Certificate Number QQ-MED-07/10-01.

Technical Characteristics

| PARAMETER | PROVISION | COMMENT |
|--|-----------------------------------|---|
| Frequency Of Operation | 518kHz, 490kHz and 4209.5kHz | RECEIVE Only (F1B modulation) |
| Channels | 3 | 3 independent receivers |
| RF Power Output | N/A | No Transmitter |
| IEC 61162-2 Interface (Com 1). | 1 port (Tx, Rx) | Conforms to IEC 61162-2:2001. |
| RS 422 Interface (Com 2) | 1 port (Tx, Rx) | May form external printer port. |
| Message Memory (scrollable on LCD Display) | ≈1000 message | At least 200 messages of 500 characters capacity per receiver plus operator preserved messages |
| Power Supply | 12 to 24V DC | Direct supply to receiver (autosensing). -10% & +30% working range on nominal voltage shown. |
| Temperature Range & IEC 60945 Class: - Exposed - Protected | -25°C to +55°C -15°C to +55°C. | — Active Antenna (operational). — All other units |

***NOTES:-**

- 1 This Navtex receiver (Orolia Part No. 93-100-001) is a variant of the previously approved Navtex receiver, Orolia Part No. 35-095-001, using the same hardware with revised software.
- 2 This equipment was tested to IMO Resolution MSC148 (77) and IEC 61097-6, Edition 2:2005 for fitment in SOLAS convention vessels with installation after 1 July 2005.

Conditions of Validity

The assessed equipment is also in compliance with Directive 96/98/EC, as amended by Commission Directive 2011/75/EU, this Module B Certificate is also valid under that amendment.

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 TÜV SÜD BABT or a person appointed by TÜV SÜD 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 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: 

on behalf of TÜV SÜD BABT

Date: *25th April 2013*