



# Notified Body Statement of Opinion

No. THER2 13 02 79978 007

**Certificate Holder:** **Orolia Ltd**  
Silver Point  
Airport Service Road  
Portsmouth  
Hampshire PO3 5PB  
UNITED KINGDOM

**Product:** **Marine Radio Equipment**  
**AIS-based Marine Survivor Location Device**

**Model(s):** **Model: Z501**  
**Kannad Marine Safelink R10 SRS**  
**McMurdo Smartfind S20 SRS**

**Technical data:** TCF No. TCF RTTE-Z501

In accordance with Annex IV of European Union Council Directive 1999/5/EC on radio equipment and telecommunications terminal equipment, our opinion is that the equipment identified above and described in the Annex to this statement of opinion complies with the requirements of the above Directive as stated in the articles 3.1, 3.2 and 3.3.

**BABT File number:** NC16666 i02

**Date,** 2013-02-19

  
( Vina Kerai )

TÜV SÜD BABT is appointed as a Notified Body, with the identification number 0168, in accordance with the Council Directive 1999/5/EC for radio equipment and telecommunications terminal equipment. The CE marking and the TÜV SÜD BABT 0168 identification number may be used on the equipment described above, subject to the equipment meeting the compliance requirements of all applicable EU directives. This Statement of Opinion has been issued in accordance with the Certification Regulations of TÜV SÜD BABT. For further details related to this Statement of Opinion please contact [Customer.Services@BABT.com](mailto:Customer.Services@BABT.com)

Page 1 of 3

Annex to

## R&TTE Annex IV Notified Body Opinion

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### Description of Equipment

<i>Intended Use:</i>	AIS-based Marine Survivor Location Device
<i>Class of Equipment:</i>	Class 2
<i>Frequency Band(s):</i>	Transmitter: 161.975 – 162.025 MHz (AIS1 and AIS2)
<i>Type of modulation:</i>	GMSK
<i>Designation of Emissions:</i>	16K0GXW
<i>Transmit Power:</i>	Radiated 1.0 W EIRP
<i>Duty Cycle:</i>	Intermittent

### Standards

IEC 60945: 2002-08  
IEC 61097-14: 2010(E)  
IEC 61108-1: 2003-07

### Relevant Technical Documentation

**Supplier's Declaration(s) of Conformity:** R&TTE (draft) modified, 2013-02-14

**User Guide:** Kannad Marine Safelink R10 SRS, modified 2011-07-27  
McMurdo Smartfind S20, modified 2013-02-14



**Test report numbers:**


Radio: 75912801 Report 03 Issue 1, 10/08/2011  
75911998 THC 01 Issue 1, 08/02/2011  
GPS: 75911555 Report 04 Issue 1, 22/03/2011  
BSH/46162/4141862/10, 15/12/2010  
EMC: 75912801 Report 01 Issue 1, 05/08/2011  
Safety: 071-75912801-000, 2001-08-09  
RF exp: 75912801 Report 05 Issue 1, 09/08/2011  
Art.3.3: BSH/4615/4321410/09/S3140, 25.11.2009  
75912801 Report 04 Issue 1, 05/08/2011

**Approved Firmware:** 98-172Z Issue 1

**Approved Hardware:** Overall Build Level: Issue 2 dated 13-05-11  
Circuit Diagram: 98-170C dated 29-07-11  
Parts List: 98-170L dated 13-05-11

**Additional Information:**

Compliance with Article 3.2 of the R&TTE Directive 1999/5/EC does not of itself give an automatic presumption of conformity with National Radio Spectrum Standards. It is therefore mandatory for this equipment to be notified to the relevant national authority responsible for spectrum management 4 weeks before placing it on the market in accordance with Article 6.4 of the R&TTE Directive 1999/5/EC.

Signed: .....  
on behalf of B A B T

Date: 2013-02-19.....