



# Notified Body Statement of Opinion

No. THER2 12 05 79978 001

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

**Product:** **Marine Radio Equipment  
AIS-SART**

**Model(s):** **McMurdo S5 Smartfind AIS-SART  
Kannad Marine Safelink AIS-SART  
Sailor 5051 AIS-SART**

**Technical data:** TCF No. TCF RTTE-S5

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:** NC16665 i01

**Date,** 2012-05-04

( 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)



## R&TTE Annex IV Notified Body Opinion

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### Description of Equipment

<i>Intended Use:</i>	AIS-SART Search And Rescue Locating Device, for use onboard marine vessels
<i>Class of Equipment:</i>	Class 2
<i>Frequency Band(s):</i>	Transmitter: 161.975 – 162.025 MHz
<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) Clauses 6, 7 & 8  
IEC 61108-1: 2003-07 Clauses 4.3.7 & 4.3.8, for the GPS receiver

### Relevant Technical Documentation

**Supplier's Declaration(s) of Conformity:** R&TTE draft dated 8/02/2010

**User Guide:** S5 AIS SART User Manual dated 01/02/2010

**Test report numbers:**


Radio: BSH/4615/4321410/09, 2009/12/15  
75907213 Report 02 Issue 2, 04/02/2010  
GPS: 75908379 Report 01 Issue 3, 26/02/2010  
EMC: 75907213 Report 01 Issue 1, 21/01/2010  
RF exp: 75907213 Report 04 Issue 1, 20/01/2010  
Art.3.3: BSH/4615/4321410/09/S3140, 25.11.2009

**Approved Firmware:** 92-118 Z v1.1.60

**Approved Hardware:** Overall Build Level: Issue 2 dated 01-10-09  
Circuit Diagram: 92-120C dated 01-10-09  
Parts List: 92-120L dated 01-10-09

**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 BABT

Date: ..... 2012-05-04 .....