

Notified Body Statement of Opinion

No. THER2 11 08 72047 005

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

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

Model(s): **McMurdo Smartfind S10 AIS Beacon**
Model: Z502

Technical data: TCF No.TCF RTTE-Z502

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: NC16170 i01



Date, 2011-08-18

(Vina Kerai)

British Approvals Board for Telecommunications (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 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 remains the property of BABT and is not transferable.

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Annex to

R&TTE Annex IV Notified Body Opinion

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 dated 15/07/2011

User Guide: Smartfind S10 AIS Beacon, modified 05/08/2011

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 BABT	Date: 2011-08-18
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