



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 Navigation/Radio requirements of Marine Equipment Directive 96/98/EC as amended by Commission Directive 2011/75/EU and that the equipment of

Orolia Limited

of

Silver Point
Airport Service Road
Portsmouth
PO3 5PB
United Kingdom

known as

**McMurdo Smartfind S5 AIS-SART
Kannad Marine Safelink AIS-SART**

conform to the relevant requirements for an AIS-SART as defined in Marine Equipment Directive Annex A.1/4.55 as defined in Commission Directive 2011/75/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: 10 October 2012

Number: BABT-MED000034 Issue:01

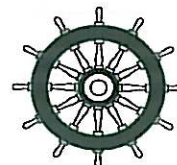
This certificate has been issued in accordance with the Certification Regulations of TÜV SÜD BABT (Notified Body Number 0168) and constitutes page 1 of the combined Certificate and Annex

This certificate is valid from 10 October 2012 until not later than 09 October 2017

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

TÜV SÜD BABT • TÜV SÜD Group

Forsyth House • Churchfield Road • Walton-on-Thames • Surrey • KT12 2TD • United Kingdom



0168



Marine Equipment Directive Module B Type Examination Certificate

Description of Equipment

AIS SART Equipment

Model: McMurdo Smartfind S5 AIS-SART
Kannad Marine Safelink AIS-SART

Compliance Matrix For MED Item A.1/4.55

IMO Resolutions	International Testing Standards	
IMO Res. A.694(17)	IEC 60945 (2002) inc Corr.1	General Requirements for Marine Navigation Equipment" (Inc. Corr1:2008)
IMO Res. MSC.246(83) IMO Res. MSC.247(83) IMO Res.MSC.256(84) ITU-R M.1371-4	IEC 61097-14 (2010)	Global maritime distress and safety system (GMDSS) - Part 14: AIS Search And Rescue Transmitter (AIS-SART)
-	IEC 61162 Series ^{Note 1}	Digital Interfaces

Manufacturer:

Name: As Holder
Address: As Holder

Relevant Technical Documentation

User Guide: Smartfind S5 AIS SART User Manual,
Part No. 92-260 Issue 2, dated 2012-09-28
Kannad Marine Safelink AIS-SART User Manual,
Part No. 92-261 Issue 2, dated 2012-09-28

Test report numbers: IEC 61097-14 (2010) 75907213 Report 02 Issue 3, 2010-05-21
BSH/4615/4321410/09/S3140 Ed 1.0, 2009-11-25
EPFS Characteristics Statement, 2010-02-25
75908379 Report 01 Issue 3, 2010-03-01
BSH/4615/4321410/09, 2009-12-15
IEC 60945 (2002) 75907213 Report 01 Issue 1, 2010-01-21
(Inc. Corr1:2008) 75907213 Report 02 Issue 3, 2010-05-21
75907213 Report 04 Issue 1, 2010-01-20

Approved Software: V1.1.60

Approved Hardware : Overall Build Level 92-118 Z
Circuit Diagram 92-120C, 2009-10-07
Parts List: 92-120L, 2009-10-01



Additional Information:

Notes:

- 1 – Compliance with IMO Res. MSC.247(83) and the IEC 61162 series has been established by inspection due to the absence of any relevant requirements for this product.
- 2- The Stowage case, Part No. 92-052-001A, has been tested for compliance against the environmental conditions within IEC 60945 where applicable.
- 3- This approval supports the use of two battery types: Varta CR 2/3 AH (Type No. 6215) and Panasonic CR123A.

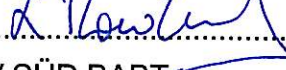
Conditions of Validity

This issue of the Annex to the referenced Marine Equipment Module B Certificate relates to Issue 1 of the Certificate.

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: 10th October 2012 .