



## 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 (EU) 2015/559 and that the equipment of

**Orolia Limited**

of

Silver Point  
Airport Service Road  
Portsmouth  
PO3 5PB  
United Kingdom

known as

**McMurdo SMARTFIND E5 EPIRB, V2**  
**McMurdo SMARTFIND G5 GPS EPIRB, V2**  
**Kannad Marine Manual EPIRB, V2**  
**Kannad Marine Automatic EPIRB, V2**  
**Kannad Marine Safelink Sportpro EPIRB, V2**  
**Kannad Marine Safelink Sportpro+ GPS EPIRB, V2**

conforms to the relevant requirements for the following equipment as listed in  
Marine Equipment Directive:

### **Annex A.1/5.6 406 MHz EPIRB (Cospas-Sarsat)**

as defined in Commission Directive (EU) 2015/559

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

Signed:

Issue Date:

30 April 2016

On Behalf of TÜV SÜD BABT

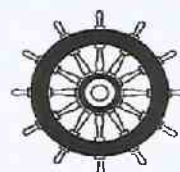
Number: BABT-MED001055

Issue: 03

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 30 April 2016 until not later than 29 April 2021

The Conditions for the validity of this certificate are listed in the Annex.  
For further details related to this certification please contact BABT@TUV-SUD.co.uk



**0168**



## Annex to

# Marine Equipment Directive Module B Type Examination Certificate

## Description of Equipment

406 MHz Emergency Position Indicating Radio Beacon (EPIRB)

Model:           McMurdo SMARTFIND E5 EPIRB, V2<sup>\*1, 3, 4</sup>  
                      McMurdo SMARTFIND G5 GPS EPIRB, V2<sup>\*1, 2, 3, 4</sup>  
                      Kannad Marine Manual EPIRB, V2<sup>\*1, 3, 4, 5</sup>  
                      Kannad Marine Automatic EPIRB, V2<sup>\*1, 3, 4, 6</sup>  
                      Kannad Marine Safelink Sportpro EPIRB, V2<sup>\*1, 3, 4</sup>  
                      Kannad Marine Safelink Sportpro+ GPS EPIRB, V2<sup>\*1, 2, 3, 4</sup>

with:             Manual Release bracket<sup>\*7</sup>  
                      or Float-free Auto Housing<sup>\*8</sup>

## Compliance Matrix For MED Item A.1/5.6

IMO Resolutions	International Testing Standards	
IMO Res. A.694(17)	IEC 60945 (2002) inc Corr.1:2008	General Requirements for Marine Navigation Equipment (Inc. Corr1:2008)
IMO Res A.810(19) as amended by: IMO Res.MSC.56(66) & IMO Res.MSC.120(74) IMO Res MSC/Circ 862.	IEC 61097-2 (2008)	Global maritime distress and safety system (GMDSS) — Part 2: COSPAS-SARSAT EPIRB - Satellite emergency position indicating radio beacon operating on 406 MHz

## Manufacturer:

Name:               As Holder  
Address:            As Holder

## Relevant Technical Documentation

**User Guide:**               Smartfind E5/G5 User Manual,  
                                  Part No. 82-1073-001 Issue 4, 2013-03-19  
                                  Kannad Marine EPIRB User Manual,  
                                  Part No. 82-1073-005 Issue 4, 2013-03-19  
                                  Kannad Marine Safelink Sportpro and Sportpro+  
                                  EPIRB User Manual, Part No. 82-1073-007 Issue 1, 2014-01-16

**Test report numbers:**   IEC 60945:2002       McMurdoCarrtr210806TO, 2006-10-16  
                                  (Inc. Corr1:2008)   OR614667/01 Issue 2, 2006-07-14  
  RM614667/05 Issue 2, 2006-08-25  
  75911555 Report 01 Issue 2, 2011-02-28



**Test report numbers: ( continued)**

IEC 61097-2:2008 RM614667/01 Issue 3, 2006-07-18  
RM614667/02 Issue 2, 2006-07-12  
RM614667/03 Issue 1, 2006-06-16  
RM614667/05 Issue 2, 2006-08-25  
RM615489/02 Issue 2, 2006-09-27  
75911555 Report 01 Issue 2, 2011-02-28  
QINETIQ/D&TS/SES/TC0613291 Issue 1.1,  
2006-10-18  
QINETIQ/D&TS/SES/TC0615574 Issue 1.0,  
2006-12-08  
75911555 Report 02 Issue 2, 2011-03-10  
75911555 Report 03 Issue 1, 2011-01-04  
Statement on GNSS Receiver, 2011-04-26  
75929273 Report 01 Issue 1, 2015-06-03  
75911555 Report 04 Issue 1, 2011-03-22  
BSH 46162-4141862-10, 2010-12-15

**Approved Software:** 82-850Z Issue 4

<b>Approved Hardware :</b>	Overall Build Level:	V2 EPIRB Family Tree	82-1000F Issue 12
		GPS Model	82-877 Issue 7
		Non-GPS Model	82-878 Issue 7
		HRU Family Tree	82-444F Issue 5
		Z801 Family Tree	24-001F Issue 1

**\*NOTES:-**

- 1 The V2 designator appears on the left-hand panel of the front label.
- 2 This EPIRB is additionally equipped with GPS Receiver and long message capability for precision position location.
- 3 All the above EPIRB beacon units are tested and assessed to Class 2 temperature requirements.
- 4 These beacons have additionally been assessed to the requirements of IMO A814(19), Annex clause 2.1 to 2.5.
- 5 This EPIRB is supplied together with a manual release bracket. (see also note 7).
- 6 This EPIRB is supplied together with a float-free auto housing. (see also note 8).
- 7 The Assembly of this beacon in the manual release bracket forms a carry-off EPIRB (Category 2) complying with Annex 1 of IMO Resolution A810(19) except clause 2.2. Their installation on vessels may be restricted by administrations until the mandatory carriage requirements for Category 1 EPIRBs are satisfied.
- 8 The Assembly of this beacon in the auto-housing forms a Category 1, automatic float free release EPIRB, and may be fitted with either McMurdo 'BreaktHRU' or Z801 disposable Hydrostatic Release Units or Hammar 'H20' disposable Hydrostatic Release Units. These units have been tested for correct hydrostatic release at temperatures of -30°C and + 70°C.
- 9 Marine COSPAS-SARSAT 406MHz EPIRBs form a distress alerting component of the Global Maritime Distress & Safety System (GMDSS). These beacons have been granted COSPAS-SARSAT Type Approval Certification No.204, dated 10 May 2010 COSPAS-SARSAT Type Approval Certification No.249, dated 8 April 2014.



## Conditions of Validity

This issue of the Annex to the referenced Marine Equipment Module B Certificate relates to Issue 3 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: ..... *T. J. Turynen* .....  
on behalf of TÜV SÜD BABT

Date: *30<sup>th</sup> April 2016* .....