



NOTIFIED BODY
No 0191

STATEMENT OF OPINION

QinetiQ is appointed by the UK Department of Trade and Industry to act as notified body in accordance with Directive 1999/5/EC of The European Parliament and of The Council, of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity

This Opinion is provided at the request of the Applicant:-

Mr S Roylance
McMurdo Ltd
Silver Point, Airport Service Road
Portsmouth, PO3 5PB
United Kingdom

And concerns the equipment designated and identified as :-

McMurdo G5 SMARTFIND PLUS

Being a marine 406MHz Emergency Position Indicating Radio Beacon incorporating GPS position fixing receiver as detailed on sheet 2, and manufactured by:-

McMurdo Ltd
Silver Point, Airport Service Road
Portsmouth, PO3 5PB
United Kingdom

IT IS THE OPINION OF QinetiQ NOTIFIED BODY THAT: The equipment detailed above meets with the essential requirements of Directive 1999/5/EC, based upon the examination of the technical construction file submitted on the authority of the individual named above, in accordance with the conformity procedure defined in Annex IV of the Directive.

In particular compliance with the essential requirements detailed in the following Articles of the Directive has been considered:

- Article 3(1)(a) the protection of health and safety
- Article 3(1)(b) electromagnetic compatibility requirements
- Article 3(2) effective use of the spectrum and avoidance of harmful interference.
- Article 3(3)(e) access to emergency services.

The technical evidence provided has been found complete and sufficient to justify a presumption of conformity with the above listed essential requirements.

SIGNED:

R A Sharp

Authorised Signatory

DATE:

5th October 2009

Statement Number:

QQ-RTTE-11/09-01

QinetiQ
Cody Technology Park
Ively Road, Farnborough
Hampshire. GU14 0LX

Condition of Issue: - This statement may only be used in its entirety and not reproduced in part.

Equipment Schedule

The applicant declared that this equipment forms a working 5W, 406MHz, COSPAS SARSAT EPIRB complete with 121.5 MHz Homing signal. Available in 3 Technically identical brand designations which are detailed below:

Hardware configuration – (McMurdo G5 SMARTFIND PLUS)	<i>Part Nos:-</i>
G5, EPIRB in manual bracket	82-800-001A
or G5, EPIRB in Auto Housing	82-800-002A
Variant Brand Hardware configuration – (SIMRAD EG50:AUTO or MAN)	
EG50:MAN, EPIRB in manual bracket	82-802-001A
or EG50:AUTO, EPIRB in Auto Housing	82-802-002A
Variant Brand Hardware configuration – (SAILOR SGE406-II)	
Sailor SGE406-II, EPIRB in manual bracket	82-801-001A
or Sailor SGE406-II EPIRB in Auto Housing	82-801-002A
Software configuration:	<i>Software Version</i>
G5 embedded Firmware (all variants)	1.2.187

Intended Use of the Equipment

This opinion takes into account the intended use of the equipment which has been declared as follows:

The **G5 EPIRB** (and variants) is a full SOLAS/GMDSS, COSPAS_SARSAT 406MHz, distress alerting beacon & internal 12 channel GPS receiver. The intended application is to provide for voluntary participation in the GMDSS by leisure marine craft and workboats not covered by IMO/SOLAS carriage requirements.

Additional Observations

The following observations are made by the notified body regarding the suitability of the above equipment:

This EPIRB is equipped with 406.028MHz & 121.5 MHz transmitters with an integrated GPS receiver module for precise position fixing and an internal battery for 48hr operation. This Beacon meets the COSPAS-SARSAT Class 2 requirements for an operational temperature range of -20°C to +55°C .

The **McMurdo G5 series** EPIRB, has also been subject to approval processes by COSPAS-SARSAT, Type Approval certificate No.163, and under the arrangements of the Marine Equipment Directive, Certificate No: QQ-MED-17/09-xx refers.

This opinion is related to and supersedes Opinions QQ-RTTE-04/07-01.

Compliance with Harmonised Standards

To date no R&TTE harmonised standards have been published in the official Journal for this type of equipment

Compliance with Non-Harmonised Standards

Technical evidence has been taken into consideration regarding compliance of the equipment with all or part of the following standards:

COSPAS-SARSAT T.007 Iss3 Rev 11, IEC 61097-2 and EN 60945: 2002.

Equipment Marking

The equipment shall be marked, under the responsibility of the applicant, with the CE conformity marking according to Annex VII of the Directive, signifying compliance of the equipment with all relevant essential requirements.

The CE conformity marking shall be accompanied by the identification number of this notified body, and by the equipment class identifier, as follows:

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