



NOTIFIED BODY
No 0191

STATEMENT OF OPINION

QinetiQ (formerly known as DERA) 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
Orolia Limited
Silver Point, Airport Service Road
Portsmouth, PO3 5PB
United Kingdom

And concerns the equipment designated and identified as :-

McMurdo A5 Series EPIRBs, V2 models

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

Orolia Limited
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:

13th April 2012

Statement Number:

QQ-RTTE-05/12-01

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. Drawings 82-1084-XXXB, Circuit Schematic 82-874C and Bill of Materials 82-879L (or 82-887L for GPS variants) details overview of Build Standard of the V2 models. The current variant designations are shown below, :

Hardware configuration – McMurdo SMARTFIND A5 EPIRB, V2: EPIRB in manual bracket	<i>Part Nos:-</i> 82-803A
Hardware configuration – McMurdo SMARTFIND A5G GPS EPIRB, V2: GPS EPIRB in manual bracket	<i>Part Nos:-</i> 82-803-002A
Hardware configuration – Kannad Marine SPORT EPIRB, V2: EPIRB in manual bracket	<i>Part Nos:-</i> K82-808-001A
Hardware configuration – Kannad Marine SPORT+ GPS EPIRB, V2: GPS EPIRB in manual bracket	<i>Part Nos:-</i> K82-808-002A
Software configuration: Embedded Firmware, all variants	<i>Software Version</i> 82-850Z Issue 4

Intended Use of the Equipment

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

The A5 Series EPIRBs are COSPAS_SARSAT 406MHz, Class 3, Distress alerting beacons. 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 or other National regulatory arrangements.

Additional Observations

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

Class 3 EPIRB are defined in the Australian Standard AS/NZS 4280.1:2003, they are non-float-free and manual activation only. The A5 Series EPIRBs are sub-equipped variants of the McMurdo E5/G5 series EPIRBs. This Beacon meets the COSPAS-SARSAT requirements for an operational temperature range of -20°C to +55°C but has only 'manual' activation into the distress transmitting mode.

The V2 models transmit on 406.040MHz (Satellite) and 121.5 MHz (Homing) for >48hr operating from internal batteries. These V2 models, were included in a COSPAS-SARSAT approval processes, Type Approval certificate No.204 issued 10-May-2010 and particulars 14-March-2011 refer. This opinion is related to opinion QQ-RTTE-06/11-01. This re issue is to address a change in company name.

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 appropriate parts of the following standards:

COSPAS-SARSAT T.007 Issue 4, AS/NZS 4280.1:2003, IEC 61097-2:2008 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:

CE0191

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