



## 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 Fastfind Max series PLBs

Being COSPAS-SARSAT 406MHz Personal Locator Radio Beacons (PLB) 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-04/12-01**

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 PLB complete with 121.5 MHz Homing signal. Drawings 85-800C, issue 3 (Fastfind Max Schematic) and 85-800L/85-810L, issue 6 (Bill of Materials) details overview of Build Standard. The current variant designations are shown below, :

<b>Hardware configuration - McMurdo, Fastfind Max:-</b> PLB Beacon (non-GPS variant)	<i>Part Nos:-</i> 85-880-001A
<b>Hardware configuration - McMurdo, Fastfind MaxG:-</b> PLB Beacon including GPS receiver	<i>Part Nos:-</i> 85-890-001A
<b>Hardware configuration - Kannad Marine, Safelink Pro PLB:-</b> PLB Beacon including GPS receiver	<i>Part Nos:-</i> K85-890-004A
<b>Hardware configuration - Kannad Aviation, XS-ER GPS:-</b> PLB Beacon including GPS receiver	<i>Part Nos:-</i> 85-890-005A
<b>Software configuration (all variants):</b> Embedded control software	<i>Software Version</i> 85-823Z Issue 6

## Intended Use of the Equipment

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

The **FastFind Max 406 MHz PLB series** are personal COSPAS-SARSAT distress alerting beacons, intended for voluntary participation in the GMDSS on all forms of marine craft.

All COSPAS-SARSAT distress beacons are subject to National Registration requirements.

Usage may be subject to restrictions and/or licencing by National Administrations for use in other than the marine environment.

## Additional Observations

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

All PLB variants have 406.040MHz alerting and 121.5 MHz homing functions. The FastFind Max does not have an integral GPS module . All Beacons meet COSPAS-SARSAT Class 2 requirements – operational temperature range -20°C to +55°C, with >48Hr battery life. The McMurdo FastFind Max series have a COSPAS-SARSAT Type Approval certificate No. 184, TAC Rev 5, dated 18<sup>th</sup> february 2011.

For Marine applications the COSPAS-SARSAT 406MHz EPIRB/PLB system forms a component of the Global Maritime Distress & Safety System (GMDSS).

This opinion is related to Opinions QQ-RTTE-16/09-01, QQ-RTTE-06/10-01, QQ-RTTE-06/10-02 and QQ-RTTE 04/11-01. This re issued opinion is to address a change in company name.

## Compliance with Harmonised Standards

No R&TTE harmonised standards have been published in the Official Journal for this type of equipment as of the date of issue of this statement

## 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-Iss4 Rev4, RTCM 11010.1 (RTCM Paper76-2002/SC110-STD), EN 60945: 2002 (EMC).

## 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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