



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 Fastfind, Fastfind Plus and Fastfind Max series

Being marine 406.037MHz Personal Locator radio Beacons (PLB) 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:

13th October 2009

Statement Number:

QQ-RTTE-16/09-01

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 PLB complete with 121.5 MHz Homing signal. Drawing 85-950F, issue 2 (Fastfind PLB Family tree) details overview of Build Standard. Variant designations are shown below, :

Hardware configuration –		Part Nos:-
Fastfind Max:	PLB Beacon (non-GPS variant)	85-880-001A
Fastfind MaxG:	PLB Beacon incorporating GPS receiver	85-890-001A
Fastfind MaxG(B):	PLB Beacon/GPS (covert Black variant)	85-880-007A
Fastfind:	PLB Beacon (non-GPS variant)	85-880-002A
Fastfind Plus:	PLB Beacon incorporating GPS receiver	85-890-002A or 85-890-003A
Software configuration (all variants):		Software Version
Embedded control software		85-510 Issue 5

Intended Use of the Equipment

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

The **FastFind 406.037 MHz PLB series** are personal COSPAS_SARSAT distress alerting beacons, intended for voluntary participation in the GMDSS on all forms of marine craft.

These units are subject to National Registration requirements, and may be subject to restrictions and/or licencing by National Administrations for use other than in 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 406.037MHz alerting and 121.5 MHz homing functions, the FastFind Plus/MaxG have an integral GPS module for precise position fixing. 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 dated 5th february 2008.

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

The Fastfind MaxG(B) is a covert variant for security forces use (restricted availability, professional use only).

This opinion is related to and supersedes Opinions QQ-RTTE-04/08-01R.

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 Rev1, RTCM 11010.1 (RTCM Paper76-2002/SC110-STD), EN 60945: 1997.

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:

C E0191!

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

Statement Number QQ-RTTE-16/09-01