



## 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 B French**  
**ACR Electronics, Inc.**  
**5757 Ravenswood Road**  
**Fort Lauderdale, Florida, 33312-6645**  
**United States of America**

And concerns the equipment designated and identified as :-

### **ACR Electronics - ResQLink™ (PLB-375)- PLB with GPS Receiver**

Being a marine 406MHz Personal location Beacon (PLB) as detailed on sheet 2, and manufactured by:-

**ACR Electronics, Inc.**  
**5757 Ravenswood Road**  
**Fort Lauderdale, Florida, 33312-6645**  
**United States of America**

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:**

**12<sup>th</sup> August 2011**

**Statement Number:**

**QQ-RTTE-05/11-01**

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 and GPS receiver. Drawings A3-06-2702-, Circuit Schematic Y1-01-0725 and Bill of Materials A3-06-2702 details overview of Build Standard of the PLB-375. The unit has the designations as shown below, :

### Hardware configuration – ResQLink™, PLB-375:

PLB Beacon incorporating GPS receiver  
Floatation Pouch (Optional)

### Part Nos:-

2880  
9521

### Software configuration:

Embedded Firmware

### Software Version

A

**Additional Designations:** None

## Intended Use of the Equipment

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

The ResQLink™, PLB-375 is a personal COSPAS-SARSAT distress alerting beacon, the intended application is for voluntary use in Marine and Terrestrial applications.

## Additional Observations

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

The PLB is equipped with both have 406.037MHz and 121.5 MHz functions and an integrated GPS module for precise position fixing. The Beacon meet COSPAS-SARSAT Class 2 requirements – operational temperature range -20°C to +55°C, with 24Hr battery life.

The ACR ResQLink has a COSPAS-SARSAT Type Approval certificate No.219 dated 11th July 2011.

The ResQLink™, PLB-375 is a EN 302 152-1, Category 2 (non floating) PLB without use of the floatation pouch, which is a user fitted optional accessory.

PLB devices are not considered suitable where regulatory requirements for an ELT or EPIRB exist.

All COSPAS-SARSAT distress beacons units are subject to National Registration requirements and usage may be subject to restrictions by National Administrations for use in other than the marine environment.

## 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-Rev 5, EN 60945: 2002 & EN 301 843-1:V1.2.1 (EMC), RTCM 11010.2:July 2008 and EN 302 152-1:V1.1.1.

## 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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