

# QinetiQ

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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 Dennis London  
ACR Electronics, Inc  
European Office, 1 Rose Cottages, Pitmore Lane, Sway  
Lymington, Hampshire, SO41 6BX  
United Kingdom

and concerns the equipment designated and identified as :-

**ACR - GyPSi 406 PLB - 406MHz Personal Locator Beacon**

as detailed on sheet 2 and manufactured by:-

ACR Electronics, Inc  
5757 Ravenswood road  
Fort Lauderdale, Florida, 33312  
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:

P.J. Gaddard

Authorised Signatory

DATE:

19<sup>th</sup> February 2002

Statement Number:

DERA-RTTE-53/01-01

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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 personal SW, 406MHz. COSPAS SARSAT Personal Locator Beacon (PLB) complete with 121.5 MHz Homing signal, detailed below:

Hardware configuration – Model PLB-100 (GyPSi PLB):	Product No:-
PLB Beacon with -40°C, 24hr battery Pack	2790
Software configuration:	Software Version
Embedded control software	Not declared
Additional Designations:	
ACR Model RLB-100 (406 Personal EPIRB)	2791

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### Intended Use of the Equipment

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

The GyPSi PLB is a COSPAS SARSAT distress alerting beacon, the intended application is for use in land applications where National Administrations permit PLB usage and on-board leisure marine vessels 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:

The GyPSi PLB has a COSPAS-SARSAT Type Approval certificate, No. 109, dated 29-April 1999, amended 22 October 2001. The GyPSi PLB is supplied with an optical interface cable to connect to an external GPS receiver for the input of precise position information. The external GPS receiver is not supplied by ACR. The COSPAS-SARSAT 406MHz EPIRB system forms a component of the GMDSS.

### 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 Iss3 Rev7, RTCM 5-97/SC110-STD Ver2, 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:

# CE 01910

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