



TUV SUD BAPT UNLIMITED (TCB)
Octagon House,
Segensworth Road,
Fareham,
Hampshire,
PO15 5RL
United Kingdom

19th January 2023

Dear Sir/Madam,

The ACR Group hereby respectfully apply for FCC Type Approval through TUV SUD BAPT UNLIMITED as an TCB Scheme for the following Emergency Position Indicating Radio Beacon (EPIRB) products:

- Ocean Signal SafeSea EPIRB3 Pro (Class2, Category 1)
- Ocean Signal rescueME EPIRB3 (Class2, Category 2)
- ACR Electronics GlobalFix V5 (Class2, Categories 1 and 2)

The products are for use in an emergency and contain transmitters which are used to alert search and rescue services and provide homing signals to aid rescue. The beacons will automatically activate when in contact with water. Alternatively, they may be carried by the user and be manually activated. Following activation, the beacons will transmit 406MHz alerts to the Cospas-Sarsat global emergency system and will transmit AIS Man Overboard and 121.5MHz homing signals. In addition, where allowed in the country of operation, the device will receive an RLS confirmation that the alerts have been noticed.

The EPIRBs comply with the requirements of IMO Resolution MSC 471(101) which introduces revised performance standards for float-free EPIRBs including AIS functionality; these revised standards being applied to EPIRBs installed on or after July 1st, 2022. In addition, the products have Cospas-Sarsat approval which was received on the 14th October 2022.

Please note that the above named EPIRB products are essentially identical in terms of electronics (printed circuit board and battery), firmware and functionality, with the GlobalFix V5 being a brand variant of the EPIRB3 beacon products utilising a different case. In addition, the EPIRB3 Pro and GlobalFix V5 products have the same fixed antenna, whereas the EPIRB3 has a retractable antenna.

The EPIRB3 Pro and EPIRB3 products are offered for sale with ARH1 Auto Release Housing and Manual Mounting Bracket respectively. The GlobalFix V5 is available with either "SeaShelter" float-free housing or Manual Mounting Bracket as specified by the customer.

ACR Electronics Inc. and Ocean Signal Ltd. are under the same ownership of the ACR Group. The Design Authority for the above named EPIRB products is Ocean Signal Ltd. in the UK. However, all three products will be manufactured by both Ocean Signal Ltd., Margate, UK and ACR Electronics Inc., Fort Lauderdale, USA.

This application letter accompanies a full technical file submission.

Thanking you in advance for your prompt attention to this application.

Yours Faithfully

Signed on behalf of the ACR Group

A handwritten signature in black ink, appearing to read 'Mark Newton', written in a cursive style.

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