

# Maritime Survivor Locating Devices

- 'SOS' Man Over Board Alert & Locate Systems
- 'SOS' Lost Diver Alert & Locate Systems
- 'SOS' Submariner Escape Alert & Locate Systems



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Federal Communications Commission,

P O Box 979097

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United States of America.

## WAIVER- EXPEDITED ACTION REQUESTED

3<sup>rd</sup> March 2010

Dear Sirs,

We are seeking a waiver for a new upgraded version of the man over board device Sea Marshall SMRS8 grantee coded NWGSMRS8. The device designated Sea Marshall AU9 has been introduced to comply with latest R&TTE Directive Articles 3.2 and 3.3 by compliance with ETSI norms EN 300 152-2 (Article 3.2-protection of radio spectrum), and EN 300 152-3. (Article 3.3c – access to emergency services). The AU9 is compliant with new UK Civil Aviation Authority (CAA) requirements for "Helicopter Transit" and has been demonstrated to comply with EUROCAE ED14F.

The Sea Marshall AU9 is a replacement for the previous device designated Sea Marshall SMRS8 within the scope RTCM MSLD's RTCM SC-119, for which the FCC previously granted a waiver in 1998. The AU9 is recognized as a valuable aid to rescue providing immediate warning of Man Over Board (MOB) situations in the workplace in compliance with Oil & Gas and commercial vessel operators safety cover. The AU9 is designed to be able meet Commercial operator's safety case standards additionally includes the ability to transmit the identity of the device, with provision to include the transmission of the MOB GPS position.

The Sea Marshall AU9 device differs from RTCM and COSPAS/SARSAT Standards referenced in Part 95, subpart K. Sec. 95.1400 **Basis & Purpose** Compliant as shown in previous paragraphs of this

# GRANTED

FOR THE REASONS INDICATED BELOW

A handwritten signature in blue ink, appearing to be 'St. St.', written over a horizontal line.

MAY 10, 2010



waiver request. Sec. 95.1401 **Frequency** The AU9 transmits on 121.50 MHz emission type A1D and is limited to transmission of d.3HEDS tones as specified by ITU-R-M690-1. Transmit emission level 100mW ERPEP maximum. The device does not transmit on 406MHz.

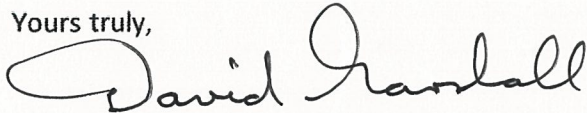
Sec. 95.1402 **Special requirements;** (a) noncompliant. (b) Part Compliant to RTCM 121.50 MHz except that does not transmit a 406 MHz signal or include the morse code letter "P" on its 121.50 transmission. (c) Noncompliant. (d) Informative only. (e) Noncompliant. (f) Noncompliant. (g) Noncompliant.

We seek a waiver request for all parts 95 1402. Including labeling. The labeling will clearly show manufacturer, equipment identifier, serial number unit identity, date of manufacture, FCC identifier mark (when granted) battery date. Emission type/ frequency. All operational instructions will be clearly indicated on non removable labeling in accordance with established industry standards.

We include with this Waiver request FCC form 159 and payment of \$175.00 fee code PDMW. \* BY CC

Thank you for your time and attention to our request.

Yours truly,

A handwritten signature in black ink that reads "David Marshall". The signature is fluid and cursive, with the first name "David" and last name "Marshall" clearly legible.

David Marshall (Chairman)

Marine Rescue Technologies Ltd