

## Mark Newton

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**From:** Jackson, Martin L CIV USCG COMDT (USA) <Martin.L.Jackson@uscg.mil>  
**Sent:** 26 January 2023 19:59  
**To:** Mark Newton  
**Cc:** Tom Pack; Simon Nolan; Mikele D'Arcangelo; Jeff Tobias (Jeff.Tobias@fcc.gov); Ghassan Khalek  
**Subject:** RE: Project Number 2022-2872 : Ocean Signal rescueME PLB3; ACR ResQLink AIS (PLB-450)

**Caution:**This is an external email.

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Dear Mr. Newton:

I've looked at the information provided on the subject PLBs with capabilities for COSPAS-SARSAT communication, AIS, and 121.5 MHz homing. After some discussion, we've determined that the US Coast Guard has no requirements in current regulations for doing a performance review of PLBs to verify they meet RTCM requirements nor for their carriage on a vessel. Hence, until a USCG regulatory project may be initiated and completed, the acceptance of PLBs by the FCC as an electronic locating device and their selection for use by a mariner is done independent of any US Coast Guard review or acceptance.

The message content, signal characteristics, and MMSI usage in the AIS transmissions should adhere with the ITU-R Recommendations M.585-9 (Assignment and use of identities in the maritime mobile service) and M.1371-8 (Technical characteristics for an automatic identification system using time division multiple access in the VHF maritime mobile frequency band) so as to comply with the appropriate AIS guidance in 47 CFR Part 80 and not interfere with other AIS maritime devices.

I hope this gets the project moving a little quicker for FCC acceptance.

For any follow-up correspondence on this matter, please send email to [TypeApproval@uscg.mil](mailto:TypeApproval@uscg.mil) and include tracking number 2022-2872 for more efficient handling.

Regards,  
Marty Jackson, Staff Engineer  
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Please direct all type approval requests and inquiries to [TypeApproval@uscg.mil](mailto:TypeApproval@uscg.mil).  
Homepage and USCG approval information <https://www.dco.uscg.mil/CG-ENG-4/>  
Find USCG approved equipment at <https://cgmix.uscg.mil/Equipment/>

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**From:** Mark Newton <mark.newton@oceansignal.com>  
**Sent:** Thursday, January 26, 2023 9:32 AM