



**THE REPUBLIC OF LIBERIA**  
**LIBERIA MARITIME AUTHORITY**

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**21 June 2022**

**Marine Advisory: 15/2022**

**(This Marine Advisory supersedes Marine Advisory 03/2022)**

**Subject: Updated Requirements in Relation to Long Range Identification and Tracking of Ships (LRIT)**

**Ref: [Marine Notice ISP-003](#) 'LONG RANGE IDENTIFICATION AND TRACKING OF SHIPS (LRIT)'**

The following changes have been included:

- a. Amended to remove references to provisions during the transitional period.**

**Dear Shipowners/Operators/Masters:**

The purpose of this Marine Advisory is to inform shipowners, operators and masters of revised guidance in Marine Notice ISP-003 on implementation, maintenance and compliance with the requirements for Liberian flag ships to transmit Long Range Tracking and Identification (LRIT) information.

**Requirements for Conformance Testing**

The Administration has noticed a number of ships registering under the Liberian flag that have old or improperly functioning shipborne LRIT equipment, and/or old LRIT conformance tests. This has resulted in many ships being unable to transmit consistent LRIT information due to equipment failure. To ensure crew, ship, and environmental safety and security, and acknowledging the frequent failure of ships to transmit consistent LRIT information and the natural operational degradation of shipborne equipment, a conformance test is required for all new installations of shipborne LRIT equipment; and for existing installations, at the time of change of flag (from a different Administration to the Liberian flag) or at the time of re-registration under the Liberian flag to a different owner under the Liberian flag (excluding registration from bareboat charter in to direct registry). This will also ensure that the equipment, as fitted onboard, complies with the provisions of SOLAS Regulation V/19-1.6 and the LRIT revised performance standards and functional requirements.

The conformance test submitted for registration or re-registration shall be less than one month old (excluding newbuilding for which there is no time limitation) and conducted by the Liberian Administration Authorized testing Application Service Provider (herein referred to as "Testing ASP") in accordance with paragraph 5.2 of Marine Notice ISP-003 whose details are outlined below:

Pole Star Space Applications Limited  
Email: [lrittesting@polestarglobal.com](mailto:lrittesting@polestarglobal.com)  
(T) +44 (0)20 7313 7400  
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## **Shipborne Equipment**

Marine Notice ISP-003 no longer provides list of shipborne equipment. For information on recognized maritime mobile satellite service ship earth station models contact the Recognized ASP or the equipment manufacturer to determine suitability for LRIT.

For Inmarsat C shipborne equipment, if the equipment appears to be LRIT capable, the following steps should be taken:

- Contact the manufacturer to confirm that the shipborne equipment has current software/firmware versions; and
- Ensure that Polling & Data Reporting (PDR) functions are enabled; and
- Ensure that Macro Encoded Message 11 (MEM-11) is enabled.

For Iridium shipborne equipment, all models listed are suitable for LRIT without further configuration.

On 31 December 2021, IsatM2M satellite service was withdrawn and ships with this equipment installed will no longer be compliant with LRIT regulations.

If you have additional questions or concerns, please contact [LRIT@liscr.com](mailto:LRIT@liscr.com).

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