



Technical Circular

No.: 001/2024

Date: 19th January 2024

Subject: Liberia – Revised Requirements in respect of Long-Range Identification and Tracking of Ships (LRIT).

1. Liberia Maritime Administration has issued Marine Advisory No. 38/2023 providing revised requirements in respect of LRIT. Specifically, the requirements for Conformance Testing of LRIT has been revised taking into account IMO Assembly Resolution A. 1192 (33).
2. As per the revised requirement, commencing 01 April 2024, all Conformance Test Reports will be issued with validity not exceeding twelve (12) months from the conformance test completion date.
3. **Accordingly, wef 1 April 2024, the annual conformance test will be required to be conducted annually based on the anniversary date of the last conformance test.**
4. Below table provides examples for due dates of annual conformance test based on the completion date of last conformance test.

Completion date of last conformance test	Examples	Due date for 1st annual conformance test on/after 1 April 2024
Last test done on 1 April – 31 December (any year)	1 June (any year)	1 June 2024
Last test done on 1 January – 31 March (any year)	13 March (any year)	13 March 2025

5. All conformance tests will be conducted directly by the Liberian Administration Authorized Testing Application Service Provider (ASP) through the dedicated online portal as per details below.



. This Technical Circular and the material contained in it is provided only for the purpose of supplying current information to the reader and not as an advice to be relied upon by any person.

. While we have taken utmost care to be as factual as possible, readers/ users are advised to verify the exact text and content of the Regulation from the original source/ issuing Authority.

Portal for online applications: <https://ondemand.polestarglobal.com/?page=login>

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The Testing ASP will not accept tests ordered through a third party or a distributor.

6. 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.
7. For Inmarsat C shipborne equipment, if the equipment appears to be LRIT capable, the following steps to 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.
8. For Iridium shipborne equipment, all models listed are suitable for LRIT without further configuration.
9. Owners/operators and masters of Liberian flagged vessels are advised to be guided by above and ensure compliance.

Enclosure:

1. Liberia Marine Advisory No. 38/23.

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29 December 2023

Marine Advisory: 38/2023

(This Marine Advisory supersedes Marine Advisory 37/2023)

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. Requirements for the annual Conformance Testing were added.**
- b. Testing ASP details were updated.**

Dear Shipowners/Operators/Masters:

The purpose of this Marine Advisory is to inform shipowners, operators and masters of revised requirements 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

- To ensure that all ships adhere to the safety requirements in regulation 19-1 of SOLAS Chapter V to carry operational LRIT equipment at all times;
- Following the recent adoption of [IMO Assembly Resolution A.1192\(33\)](#), noting concern about ships engaging in illegal operations in the maritime sector and calling upon flag States to take measures against ships concealing their identity and intentionally avoiding detection, including while engaged in STS operations;
- Pursuant to the Department of Commerce, Department of the Treasury, Department of Justice, Department of State, and Department of Homeland Security Quint-Seal Compliance Note issued on 12 December, 2023 that identifies steps the industry participants are encouraged to take to ensure compliance with U.S. law, to avoid manipulating of location or identification data; such steps include enhancing compliance procedures in respect of location monitoring and requirements of continuous broadcasting of such data;

- To implement additional compliance controls in tracking vessel’s location to address The Office of Foreign Assets Control (OFAC) of the US Department of the Treasury Guidance on Implementation of the Price Cap Policy for Crude Oil and Petroleum Products of Russian Federation Origin of February 3, 2023 (as revised on December 20, 2023); and
- To exercise due diligence to prevent non-reporting and frequent failure of shipborne LRIT equipment.

A conformance test is required:

1. For all new installations of and changes to LRIT equipment;
2. For all existing LRIT equipment at the time of change of flag (from a different Administration to the Liberian flag);
3. For all existing LRIT equipment at the time of re-registration to a different owner under the Liberian flag (excluding registration from bareboat charter in to direct registry);
4. When the Administration has been notified by the Recognized ASP that the shipborne equipment is not operating within the parameters of the Conformance Test Report and/or in accordance with the LRIT performance standards;
5. When the ship is intended to operate outside the sea area noted on the Conformance Test Report; and
6. For all existing LRIT equipment on an annual basis.

Validity of the Conformance Test Report

Commencing 1 January 2024, all Conformance Test Reports shall be issued with validity not exceeding twelve (12) months from the conformance test completion date.

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).

As of 1 April 2024, the annual conformance test shall be conducted annually based on the anniversary date of the last conformance test.

Completion date of last conformance test	Examples	Due date for 1 st annual conformance test on/after 1 April 2024
Last test done on 1 April – 31 December (any year)	1 June (any year)	1 June 2024
Last test done on 1 January – 31 March (any year)	13 March (any year)	13 March 2025

For confidentiality and security reasons, all conformance tests shall be conducted directly 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 through the dedicated online portal as per details below.

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The Testing ASP will not accept tests ordered through a third party or a distributor.

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.
