

# Republic of the Marshall Islands

## MARITIME ADMINISTRATOR

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### SHIP SECURITY ADVISORY No. 04-24

**To: Owners/Operators, Masters, Company Security Officers, Recognized Security Organizations**

**Subject: GLOBAL NAVIGATIONAL SATELLITE SYSTEM (GNSS) INTERFERENCE AND AUTOMATIC IDENTIFICATION SYSTEM (AIS) SPOOFING**

**Date: 12 March 2024**

This Ship Security Advisory (SSA) supersedes SSA No. 04-22.

#### 1.0 Global Positioning System (GPS) Interference and AIS Spoofing

- 1.1 There are continued reports in the worldwide maritime domain of GPS interference and AIS spoofing. Republic of the Marshall Islands (RMI)-flagged vessels are reminded that their company policies should include plans to respond to these disruptions.
- 1.2 The United States (US) has addressed these issues in [US Maritime Advisory No. 2023-013](#), which is periodically updated. It provides information on:
  - [incidents](#) reported to the US Coast Guard Navigation Center ([NAVCEN](#)) by date, time, and location; and
  - the tracking and combating of GPS interference through the NATO Shipping Centre ([NSC](#)).

#### 2.0 Incident Reporting

- 2.1 RMI-flagged vessels are encouraged to report any suspected or confirmed electronic interference incidents by submitting form [MI-109-5](#) to the RMI Maritime Administrator.
- 2.2 Incident reporting to NAVCEN and NSC is also strongly encouraged.
  - NAVCEN reporting information is available [here](#).
  - NSC reporting information is available [here](#).

This SSA is evaluated annually by the Administrator and expires one year after its issuance or renewal unless otherwise noted, superseded, or revoked.

### **3.0 RMI Maritime Administrator Resources**

3.1 RMI Marine Guideline [2-11-16](#)

3.2 RMI Cyber Incident Report Form ([MI-109-5](#))



### **4.0 Additional Resources**

4.1 NAVCEN – [GPS Service Interruptions](#)

4.2 NAVCEN – [GPS Problem Report Status](#)

4.3 [NSC – Electronic Interferences Assessment](#)

4.4 INTERTANKO - [Jamming and Spoofing of Global Navigation Satellite Systems \(GNSS\)](#)

4.5 Maritime Global Security – [Cyber and electromagnetic emissions](#)