

Joint Maritime Information Center

JMIC Advisory Note - UPDATE

JMIC# 006

ELECTROMAGNETIC INTERFERENCE

10 October 2025

Ref: [UKMTO ADVISORY 034-25 – ELECTRONIC INTERFERENCE](#)

UKMTO has received numerous reports of GNSS interference from vessels in the area shown, between 3 and 7 October 2025. This is a significant increase of reporting compared to previous weeks.

JMIC has received reports from vessels in the area experiencing interference affecting navigational systems drawing positional data from multiple GNSS (GPS, GALILEO, GLONASS) such as ECDIS, ARPA, AIS, and GMDSS station.

Current situation:

There are increased levels of EMI in the CRS, AG and SoH with higher concentrations of EMI ivo Port of Asaluyeh, Port of Sudan, Jeddah, and Suez. In the AG the interferences are likely due to increased military activities in the region.

JMIC will continue to monitor the situation.



Source UKMTO



Combined Maritime Forces

JMIC RECOMMENDATIONS

Commercial shipping may be affected by electromagnetic interference, whatever its origin, it is more likely to occur in military operating areas, exercise areas and in self-defense; however, spoofing also remains a concern.

JMIC highly encourages all vessels transiting the Red Sea and Strait of Hormuz to continue vigilant watch standing to include recognizing electromagnetic interference. It is also recommended not to rely entirely on electronic navigation methods or autopilot when transiting through areas prone to electromagnetic interference and it would be prudent for mariners to consider using traditional non electronic means of position fixing to crosscheck the vessels position when in coastal or congested waters.

Vessels operating anywhere within the UKMTO Voluntary Reporting VRA) who experience disruptions to electronic navigation systems such as GNSS, AIS, or other Positioning, Navigation, and Timing (PNT) systems are strongly encouraged to note the location and time of the disruption and take photos or video if the ships electronics or navigation system (if impacted), and report to UKMTO as soon as practicable.

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