

# MEMBER ALERT



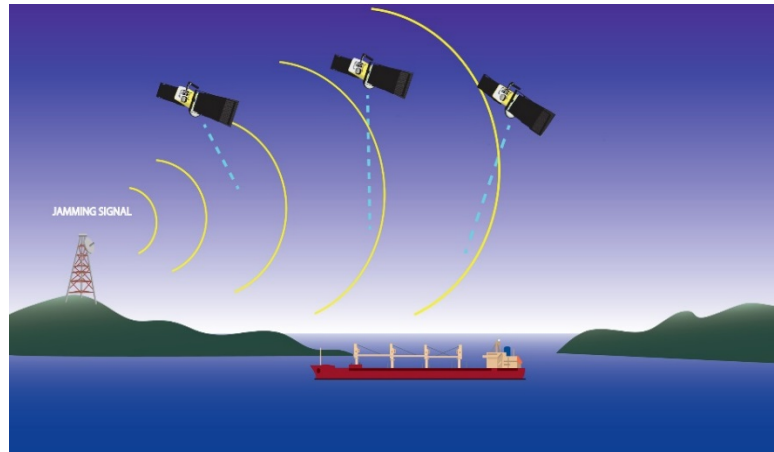
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## **US MARITIME ADMINISTRATION RECENT CYBER ADVISORIES**

As Members may already be aware as a result of recent press reports, the US Maritime Administration (MARAD) has recently released two advisories concerning cyber security and GPS interference threats.



Reference is made to [US Maritime Advisory 2018-006](#) entitled *Cyber Exploitation-Worldwide*. The FBI and the UK National Cyber Security Centre

have issued a joint Technical Alert that provides information on the worldwide cyber exploitation of network infrastructure devices by Russian cyber actors, [US-CERT Alert TA18-106A](#). US maritime industry stakeholders are advised to thoroughly review and take recommended preventative action to identify any malicious activity, and reduce exposure to this risk.

Two US Maritime Alerts [2018-004A](#) and [2018-004B](#) reference multiple instances of significant interference to the US Global Positioning System (GPS) reported by vessels and aircraft operating in the eastern Mediterranean Sea since March 18, 2018. These reports indicate that interference is concentrated in the vicinity of Port Said and the Suez Canal, and south of Cyprus. This interference is resulting in lost or otherwise altered GPS signals affecting bridge navigation and GPS-based timing and communications equipment. Members are advised to review [US Maritime Advisory 2018-007](#) entitled - *GPS Interference-Eastern Mediterranean Sea* for additional guidance and reporting information.

GPS jamming works by overpowering local satellite signals with an interfering signal leading to failure of satellite-based navigation on board vessels.

Should Members have any questions or concerns regarding cyber security, they are urged to contact the Managers for further advice and assistance.