

GPS jamming

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GPS jamming near conflict zones affect cargo ships transiting Mediterranean and the Black Sea.



[ref- geospatialworld]

About GPS (Global Positioning System) jamming:

- GPS jamming, also known as **GPS spoofing**, is the **act of using a frequency-transmitting device to disrupt or interfere with radio communications**.
- Types of communications that can be jammed include **phone calls, text messages, GPS systems and Wi-Fi networks**.
- GPS jammers, the devices used to do the jamming, are also referred to as **cellphone or signal blockers**.

How does it work?

- Receivers use **orbiting satellites and radio signals** to **pinpoint the location of GPS-enabled devices or vehicles**.
- However, a jammer is a device that **confuses the receiver by emitting radio signals at the same frequency as the GPS**.
- This interference **hampers the ability of the GPS device to determine its correct position**.