The Navigation Center - NAVCEN
US Coast Guard

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NAVCEN User Support Updates

> The Navigation Center is the Coast Guard's center of excellence for systems and policy related to electronic positioning, navigation, and timing. This includes radionavigation, electronic charting, and vessel identification and tracking.

> CGSIC: Deputy Chair & Executive Secretariat

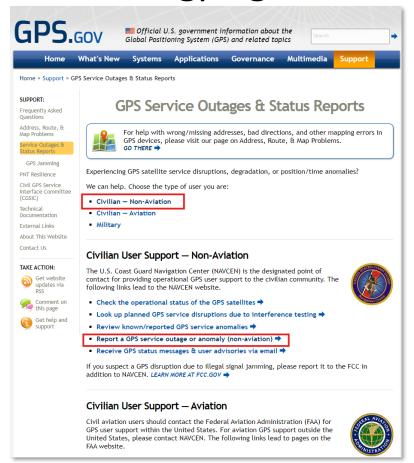**GPS Interference Reporting | GPS Data in OCX | Website Updates**

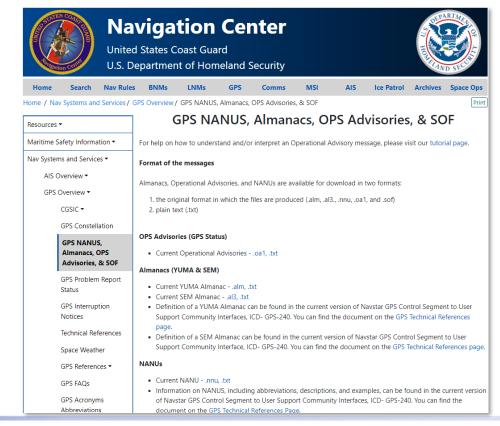# GPS Interference Reporting

www.navcen.uscg.gov

www.gps.gov

GPS Data in Operational Control System (OCX)

➢ The GPS Control Segment (CS) currently distributes five data products as defined in ICD-GPS-240 via the USCG Navigation Center's Navigation Information Service (NIS) Watch

➢ After the transition to OCX - those formats will be replaced by automated posting of the new XML files into four schema-based XML Information Products defined in ICD-GPS-870 and distributed via the USCG Navigation Center:
- GPS Advisory (equivalent NANU content)
- GPS Advisory Collection (equivalent SOF content)
- Ops Status (equivalent Ops Advisory content)
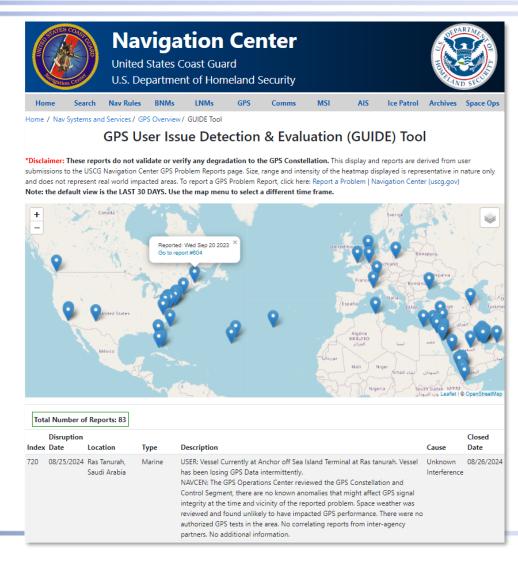- Public Common Almanac (equivalent SEM, YUMA, and A-S content)

GPS User Issue Detection & Evaluation (GUIDE)

➤ Geo-spatial display of NAVCEN received reports of GPS issues

➤ Does not represent GPS health or real world impacted areas

➤ Future: Integration of GPS testing event visualization

The Navigation Center
"Guiding the Way"

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