

*** * * Note, VIVS does not check all your AIS data * * ***

What triggers a red discrepancy in VIVS?

- ✓ *A null (zero) or improbable value in any of the following AIS parameters:*
 - User ID (MMSI number¹)
 - Name {vessels without an official name, should input their State Registration number}
 - Type of ship and cargo type
 - Maximum present static draught {applies to AIS Class A devices only--vessels may input their maximum design draft in lieu of present static draft}
 - Overall dimension / reference for position (ABCD values: A=B=C=D=0)
 - Measurements (i.e. draft or dimensions) that appear to be in feet vice meters
 - Measurements (i.e. draft or dimensions) that appear to be erroneous, i.e. beam exceeds the vessel's length (C+D>A+B), draft exceed the length or beam of the vessel

- ✓ *Inconsistencies in the following AIS parameters when compared to official source(s):*

Ship Radio License ² <ul style="list-style-type: none">• MMSI number• Name• Call-sign	USCG Certificate of Documentation ³ <ul style="list-style-type: none">• Name• Type of ship and cargo type• Overall dimensions	IMO Ship ID Number Scheme ⁴ <ul style="list-style-type: none">• IMO number• Name• Type of ship and cargo type• Overall dimensions
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- ✓ *AIS parameters programmed contrary to our USCG AIS Encoding Guide⁵, i.e. names with precursors, e.g. F/V, M/V, OSV, P/V, R/V, TUG or not properly shorten to the 20 characters limit.*

Per 33 CFR 164.46(d)⁶, users MUST always maintain their AIS in effective operating condition and ensure the accuracy of all broadcasted dynamic, static and voyage related AIS data before and during each voyage.

See our USCG AIS Encoding Guide for further information.

¹ <https://www.navcen.uscg.gov/?pageName=mtMmsi#mobile>

² <http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp> or http://www.itu.int/online/mms/mars/ship_search.sh

³ <http://cgmix.uscg.mil/PSIX/PSIXSearch.aspx>

⁴ <http://www.imo.org/en/OurWork/MSAS/Pages/IMO-identification-number-scheme.aspx>

⁵ <https://navcen.uscg.gov/pdf/AIS/AISGuide.pdf>

⁶ <https://www.navcen.uscg.gov/?pageName=AISRequirementsRev>