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28 March 2019

SUB: Correction to the Emission Designator

The designator should be GXW for our product Raymarine AIS700 as it is a Class B AIS Transceiver with integrated splitter. The maximum output power is 5W and the unit transmits in 156.025 MHz to 162.025MHz

The Transmissions from an Automatic Identification System (AIS) is a burst mode synchronised TDMA system. Also, the modulation scheme is frequency modulated Gaussian filtered minimum shift keying (GMSK/FM) with FM modulation index of 0.5 and data bit stream of 9600 bit/s.

Hence the emission designator should be GXW:

Modulation Type: [G] Angle-modulated, phase modulation (common; sounds like FM)

Modulation Nature: [X] Other

Information Type: [W] Multiple Formats of Data Transmitted

Yours Sincerely

Signed:

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