



National Marine Electronics Association

International Marine Electronics Association

Technical Bulletin

Technical Corrigendum TC# 2000 20160828

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NMEA Network Message Database Version 2.000 - January and Version 2.100 - February 2015

PGN 129807 AIS Group Assignment

Introduction:

This Technical Corrigendum adds a requirement that was omitted in PGN 129807 Description and Geographic Latitude and Longitude Data Fields 7, 8, 9, 10.

The new text in the Description is highlighted and in a bold font.)

The latitude and longitude fields 7, 8, 9, 10 in this PGN are only used at a truncated precision to 1/10 of a minute.

The Sequence ID field (SID) is used to link this PGN to other related PGN's from the same source address. When no linkage exists, the value of the SID shall be set to 255.

The new text in Data Fields 7, 8, 9, and 10 is highlighted and in a bold font.)

Field 7, North East Longitude Corner 1:

North East longitude corner of geographic area designated in this message. The precision of the latitude and longitude fields shall be limited to 1 decimal place of minutes (1/10 of a minute). If a higher precision is provided to an AIS unit, the receiving AIS unit shall truncate the value to a precision of 1/10 of a minute.

Field 8, North East Latitude Corner 1:

North East latitude corner of geographic area designated in this message. The precision of the latitude and longitude fields shall be limited to 1 decimal place of minutes (1/10 of a minute). If a higher precision is provided to an AIS unit, the receiving AIS unit shall truncate the value to a precision of 1/10 of a minute.

Field 9, South West Longitude Corner 2:

South West longitude corner of geographic area designated in this message. The precision of the latitude and longitude fields shall be limited to 1 decimal place of minutes (1/10 of a minute). If a higher precision is provided to an AIS unit, the receiving AIS unit shall truncate the value to a precision of 1/10 of a minute.

Field 10, South West Latitude Corner 2:

South West latitude corner of geographic area designated in this message. The precision of the latitude and

longitude fields shall be limited to 1 decimal place of minutes (1/10 of a minute). If a higher precision is provided to an AIS unit, the receiving AIS unit shall truncate the value to a precision of 1/10 of a minute.

This correction shall take effect immediately and is retroactive to the publication date of the NMEA 2000 Message Database Version 2.000 – January 2013.

