



National Marine Electronics Association

International Marine Electronics Alliance

Technical Bulletin

**Amendment to NMEA0183 Version 4.10
AT 0183 20160520TUT**

NMEA 0183 Amendment

An amendment is a technical specification that is publically available.

This amendment applies to the NMEA Version 4.10 that was published June 2012.

This amendment will remain in force until the contents are incorporated into the next version of the NMEA 0183 standard.

This document contains the final approved NMEA 0183 sentence for:

This amendment provides further clarification of the use of the TUT sentence in the TUT Sentence description.

New text is identified in **red bold**.

This Amendment had been reviewed and approved by NMEA. The sentence description and structure are provided for context, no changes were made to the sentence structure or data field notes.

TUT – Transmission of Multi-language Text

This sentence is used for the transmission of multi-language text. The sentence structure is similar to the TXT sentence, however it has two additional fields. There is a "Source Identifier" field used to identify the origin of the sentence and a "Translation Code" field that is used to define the coding system for the text body. This enables the use of multi-language codes, such as, Unicode or other codes. A proprietary look-up table method is incorporated to allow pre-defined messages to be sent in short sentences. **This sentence is intended to convey human readable textual information for display purposes.**

The TUT sentence shall not be used for sending commands and making device configuration changes. Specific methods have been designed and developed for this purpose; see “Section 5.3.7 Command Sentences.”

\$--TUT,cc,hh,hh,x,c--c,h--h*hh<CR><LF>

