



# **National Marine Electronics Association**

**International Marine Electronics Association**

## **Technical Bulletin**

**Technical Corrigendum TC# 2000 20150323**

**NMEA 2000 Edition 3.10 February 2015  
Appendix C Certification Criteria and Test Methods  
Version 1.200 October 2004 Test 2.43**

### **Introduction:**

This Technical Corrigendum replace the current Test 2.43 in Appendix C Version 1.200 October 2004. In NMEA 2000 Edition 3.10

The content of the Corrigendum will be incorporated into the next released version of the NMEA 2000 Appendix C and next edition of the NMEA 2000 standard.

This document contains new certification testing of System and Device Instance as per the new requirements in NMEA 2000 Main Document Version 2.000 February 2015. Manufacturers have 18 months to certify products from the publication date of February 2015 of the NMEA 2000 Main Document Version 2.000 which is July 2016. This version of the Main Document and Edition 3.10 was developed and approved by the NMEA 2000 Standards Committee

### **Change summary**

Test 2.43 has been replaced in its entirety by the test description below.

**C.2.43 Field Programmability of Name Instance Field [8.4, 8.4.1, 8.4.2] - Mandatory**

All NMEA 2000 Certified Devices shall have a method to change the system instance and device instance value as reported in the product’s NMEA 2000 NAME, PGN 060928. (NMEA 2000 Main Document § 8.4, § 8.4.1, and §8.4.2 and Appendix C Certification Criteria and Test Methods § C.2.43

1. This mandatory document will demonstrate which method of configuration a manufacturer has determined and will remain on file with NMEA.
2. If manufacturer changes the method of configuring the system or device instance for this product code, the manufacturer is required to resubmit a new form to NMEA immediately.
3. For either the manual column, the automatic column, or the NMEA Network column the manufacturer is required to complete the Implementation Description in detail. (i.e How does it work? How will an installer know?)
4. The manufacturer is required to complete the Implementation Published Column.
5. Manufactures must choose a configuration method for system and device instance and must complete this document in full for NMEA 2000 Certification

Type	Method		Implementation Description	Implementation Published
	Manual (i.e. dip switches)	Through the Network (Command Group Function PGN 126208)	Detailed Implementation Description (if needed please attached a separate sheet)	Where is this information published?
System Instance		Yes _____ No _____		
Device Instance		Yes _____ No _____		