National Marine Electronics Association
International Marine Electronics Association

Technical Bulletin

Technical Corrigendum  TC# 2000 20150323

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

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Method</th>
<th>Implementation Description</th>
<th>Implementation Published</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual (i.e. dip switches)</td>
<td>Through the Network (Command Group Function PGN 126208)</td>
<td>Detailed Implementation Description (if needed please attached a separate sheet)</td>
<td>Where is this information published?</td>
</tr>
<tr>
<td>System Instance</td>
<td>Yes ______</td>
<td>No ______</td>
<td></td>
</tr>
<tr>
<td>Device Instance</td>
<td>Yes ______</td>
<td>No ______</td>
<td></td>
</tr>
</tbody>
</table>