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# **MPC 48 Resolution 2 of the 1997 MARPOL Conference**

## **Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines**

(July 2004)

### **Chapter 2.4.5**

Chapter 2.4 Technical file and on-board NO<sub>x</sub> verification procedures

Chapter 2.4.5 reads as follows:

When a NO<sub>x</sub> monitoring and recording device is specified as on-board NO<sub>x</sub> verification procedures, such device shall be approved by the Administration based on guidelines to be developed by the Organization. These guidelines shall include, but are not limited to, the following items:

- .1 a definition of continuous NO<sub>x</sub> monitoring, taking into account both steady-state and transitional operations of the engine;
- .2 data recording, processing and retention;
- .3 a specification for the equipment to ensure that its reliability is maintained during service;
- .4 a specification for environmental testing of the device;
- .5 a specification for the testing of the equipment to demonstrate that it has a suitable accuracy, repeatability and cross sensitivity compared with the applicable sections of this Code; and
- .6 the form of the approval certificate to be issued by the Administration.

Interpretation:

For application of this section it shall be interpreted that MEPC Resolution 103(49) 'Guidelines for On-board NO<sub>x</sub> Verification Procedure – Direct Measurement and Monitoring Method' defines the guidelines as developed by the Organization.

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Note:

This UI is to be uniformly implemented by IACS Societies from 19 May 2005.

