
MPC2 Operational manuals for oil discharge monitoring and control systems

(1988)
(Rev.1
Aug
2015)

(Annex I, Regulation 15(3)-(e) 31.4)

31.4 Instructions as to the operation of the system shall be in accordance with an operational manual approved by the Administration. They shall cover manual as well as automatic operations and shall be intended to ensure that at no time shall oil be discharged except in compliance with the conditions specified in regulation 34 of this Annex.

Interpretation

For compliance with Regulation 15(3) (a) and (e) 31.4 of MARPOL 73/78 - Annex I and IMO Resolutions A 496 (XII) and MEPC 13(19) Resolution MEPC.108(49) as amended by Resolution MEPC.240(65), the Oil Discharge Monitoring and Control System Operational Manual is to contain all the details necessary to operate and maintain the system and should include at least the following information. The information may be grouped as indicated, or in an equivalent manner.

Introduction : Particulars of the ship, together with the date on which the system was/is to be installed and index to remainder of manual.

Text of Regulations 15(3) (a) and 9(1) 31 and 34 to be quoted in full.

Section 1 : Manufacturer's equipment manuals for major components of the system. These may include installation, commissioning, operating and fault finding procedures for the oil content monitor.

Section 2 : Operations manual comprising a description of the ship's cargo ballast systems, designated overboard discharges with sampling points, normal operational procedures, automatic inputs, manual inputs (as applicable), starting interlock and discharge valve control (as applicable), override system, audible and visual alarms, outputs recorded and, where required for manual input, flow rate when discharging by gravity and when pumping ballast overboard. It should also include instructions for the discharge of oily water following mal-function of the equipment.
The above information is to be supported by copies of relevant approved diagrams.
Reference may be made to Section 1, where applicable.

Notes:

1. Revision 1 of this Unified Interpretation is to be uniformly implemented by IACS Societies for ships contracted for construction on or after 1 July 2016.
2. The "contracted for construction" date means the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. For further details regarding the date of "contract for construction", refer to IACS Procedural Requirement (PR) No. 29.

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- Section 3 : Technical manual comprising fault finding schedules, maintenance record and electrical, pneumatic and hydraulic schematic diagrams and descriptions of the complete system.
Reference may be made to Section 1, where applicable.
- Section 4 : Test and check-out procedures to include a functional test at installation and guidance notes for the Surveyors carrying out initial and in-service surveys.
Reference may be made to Section 1, where applicable.
- Appendix I : Technical installation specification including location and mounting of components, arrangements for maintaining integrity of 'safe' zones, safety requirements for electrical equipment installed in hazardous zones supported by copies of approved drawings, sample piping layout and sample delay calculations, design and arrangements of sampling probes, flushing arrangements and zero setting.
Reference may be made to Section 1, where applicable.
- Appendix II : Copy of Type Approval Certificate and Workshop Certificates for major components.

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