



REPUBLIC OF CROATIA  
Ministry of the Sea, Transport  
and Infrastructure  
Maritime Safety Directorate



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**Ref. code:** CIRC-MMPI-006/2020

**Title:** MARPOL and BWM requirements from January 2020 to June 2021

**Effective as of:** 15 July 2020

**Reference:** IMO resolutions as listed below

**Application:** Recognized classification societies, Shipowners, Ship Managers

This Circular summarizes the requirements of International Convention for the Prevention of Pollution from Ships (MARPOL) and International Convention for the Control and Management of Ships' Ballast Water and Sediments (BWM) from January 2020 to June 2021.

All of below listed resolutions are applicable to Croatian flagged ships and are to be read together with the provisions of the requirements of the Rules for statutory certification of sea-going ships, Pollution Prevention, Off. Gazette 08/2020 ("Pravila za statutarnu certifikaciju pomorskih brodova, Sprečavanje onečišćenja" (NN 08/2020)), until subject Rules are published in consolidated edition.

### 1. List of MARPOL and BWM requirements from 1 January 2020 to 1 June 2021

Below table provides reference to adopted MEPC Resolutions, dates of their entry into force with short description of the nature and scope of requirements.

Convention (Code) / Resolution		Date of entry into force	Application	Short description
MARPOL	MEPC.203(62) Amendments to MARPOL Annex VI (Inclusion of regulations on energy efficiency for ships in MARPOL Annex VI)	1 January 2020	New ships of 400 GT and above	Phase 2 of EEDI will apply from 1 January 2020 to 31 Decembers 2024
MARPOL	MEPC.280(70) Amendments to MARPOL Annex VI (Effective date of implementation of the fuel oil standard in regulation 14.1.3 of MARPOL Annex VI)	1 January 2020		Amendments are stipulating that that the sulphur content of any fuel oil used on board ships shall not exceed 0.50% m/m on or after 1 January 2020 (outside ECA) Not applicable for ships with scrubbers

Convention (Code) / Resolution		Date of entry into force	Application	Short description
MARPOL	<b>MEPC.305(73)</b> Amendments to MARPOL Annex VI (Prohibition on the carriage of non-compliant fuel oil for combustion purposes for propulsion or operation on board a ship and other issues related to Reg. 14)	1 March 2020	All cargo ships, HSC (DCS) ships and passenger ships, except ships equipped with scrubbers	Amendments to Reg. 14 of MARPOL Annex VI are related to prohibiting the carriage of fuel oil with sulphur content above 0,5% if its purpose is for combustion for propulsion or operations on board, unless the ship has an approved equivalent arrangement
MARPOL	<b>MEPC.305(73)</b> Amendments to MARPOL Annex VI (Prohibition on the carriage of non-compliant fuel oil for combustion purposes for propulsion or operation on board a ship and other issues related to Reg. 14)	1 March 2020	All cargo ships, HSC (DCS) ships and passenger ships, except ships equipped with scrubbers	Amendments to Reg. 14 of MARPOL Annex VI are related to amending the form of International Air Pollution Prevention (IAPP) Certificate to prohibit the carriage of non-compliant fuel
MARPOL	<b>MEPC.314(74)</b> Amendments to MARPOL Annex I, II, IV and V (Electronic record books)	1 October 2020	All cargo ships, HSC (DCS) ships and passenger ships	Electronic Record Books (eRB) as an alternative method to hard copy record books approved by the Administration in accordance with Guidelines, Res. MEPC.312(74)
MARPOL	<b>MEPC.316(74)</b> Amendments to MARPOL Annex VI (Electronic Record Books and EEDI regulations for ice-strengthened ships)	1 October 2020	All cargo ships, HSC (DCS) ships and passenger ships	Electronic Record Books (eRB) as an alternative method to hard copy record books approved by the Administration in accordance with Guidelines, Res. MEPC.312(74)
Nox Technical Code 2008	<b>MEPC.317(74)</b> AMENDMENTS TO THE NOX TECHNICAL CODE 2008 (Electronic Record Books and Certification requirements for SCR systems)	1 October 2020	All cargo ships, HSC (DCS) ships and passenger ships, of 400 GT and above	Electronic Record Books (eRB) as an alternative method to hard copy record books approved by the Administration in accordance with Guidelines, Res. MEPC.312(74), and being applicable to the Record Book of Engine Parameters
MARPOL	<b>MEPC.313(74)</b> Amendments to The 2017 Guidelines Addressing Additional Aspects of The Nox Technical Code 2008 With Regard To Particular Requirements Related To Marine Diesel Engines Fitted With Selective Catalytic Reduction (SCR) Systems (Resolution MEPC.291(71))	1 October 2020	New ships constructed on or after 01.10.2020	Applicable for marine diesel engines to be installed on board ship constructed on or after 1 October 2020
BWM	<b>MEPC.296(72)</b> Code for approval of Ballast Water Management systems (BWMS Code) Amendments to regulations A-1 and D-3	28 October 2020	Cargo and passenger ships (including floating platforms, FSUs and FPSOs) with ballast water management systems installed on board or after 28 October 2020	<b>28.10.2020 - last date for complying</b> AMENDMENTS TO THE INTERNATIONAL CONVENTION FOR THE CONTROL AND MANAGEMENT OF SHIPS' BALLAST WATER AND SEDIMENTS, 2004 - Amendments to regulations A-1 and D-3 Ballast water management systems installed on or after 2020-10-28 shall be in compliance with the BWMS Code (Res. MEPC.300(72))
MARPOL	<b>MEPC.315(74)</b> Amendments to MARPOL Annex II (Cargo residues and tank washings of persistent floating products)	1 January 2021	All chemical tankers	Definition of persistent floater added. In Reg. 13 - Control of discharges of residues of noxious liquid substances, new paragraphs 7.1.4 and 9 are inserted. Standard format of P&A Manual in Appendix IV has been amended. Pre-wash becomes mandatory in North Europe ports when unloading certain high viscosity or low melting point persistent floating products. The affected products, will be identified in Ch. 17 of the revised IBC Code (to enter into force on the same date)

Convention (Code) / Resolution	Date of entry into force	Application	Short description
<b>MARPOL</b>  <b>MEPC.248(66)</b> Amendments to MARPOL Annex I (mandatory carriage requirements for a stability instrument)	1 January 2021	Oil tankers with keel laid before 31.12.2015	<b>01.01.2021 - last date for complying</b> Oil tankers constructed before 1 January 2016 shall comply with this regulation at the first scheduled renewal survey of the ship on or after 1 January 2016 but not later than 1 January 2021. All oil tankers shall be fitted with a stability instrument, capable of verifying compliance with intact and damage stability requirements approved by the Administration having regard to the performance standards recommended by the Organization. IOPP, Form B has been amended
<b>MARPOL</b>  <b>MEPC.274(69)</b> Amendments to MARPOL Annex IV (Establishing of Special Area under MARPOL Annex IV (sewage) in the Baltic Sea)	1 June 2021 (expected)	All passenger ships visiting Special Area: - new passenger ships from 1 June 2019; - existing passenger ships from 1 June 2021 (except for MEPC.275(69))	Special Area under MARPOL Annex IV (sewage) in the Baltic Sea established. In order to meet the requirements passenger ships must have holding tanks or sewage treatment unit meeting the requirements of resolution MEPC.227(64) – 2012 Guidelines on implementation of effluent standards and performance tests for sewage treatment plants

## 2. Note on application dates related to the type approval of Ballast Water Management Systems

All BWMS that are type approved according to Res. MEPC.174(58) may be installed on board not later than 28 October 2020.

BWMS to be installed on board, on or after 28 October 2020, shall be type approved either according to Res. MEPC.279(70), or according to Res. MEPC.300(72).

## 3. Note on use of MARPOL and the NOx Technical Code Electronic Record Books (eRBs) on board Croatian flagged ships

### GENERAL

Use of eRBs on board ships is allowed through amendments to MARPOL and NOx Technical Code that will enter into force on 1st October 2020 (refer to Res. MEPC.314(74), MEPC.316(74) and MEPC.317(74) in above table respectively).

eRBs may be used for the purpose of data recording under the provisions of the following MARPOL and the NOx Technical Code requirements:

- (i) Oil Record Book, Form A and Form B (MARPOL, Annex I, Reg. 17.1 and 36.1);
- (ii) Cargo Record Book (MARPOL, Annex II, Reg. 15.1);
- (iii) Garbage Record Book, Parts I and II (MARPOL, Annex V, Reg. 10.3);
- (iv) Ozone-depleting Substances (ODS) Record Book (MARPOL, Annex VI, Reg. 12.6);
- (v) Recording of the tier and on/off status of marine diesel engines (MARPOL, Annex VI, Reg. 13.5.3);
- (vi) Record of Fuel Oil Changeover (MARPOL, Annex VI, Reg. 14.6); and
- (vii) Record Book of Engine Parameters (NOx Technical Code, para. 6.2.2.7).

### APPROVAL OF THE SOFTWARE

Software for eRBs to be used must be approved according to the provisions of Res. MEPC.312(74) - GUIDELINES FOR THE USE OF ELECTRONIC RECORD BOOKS UNDER MARPOL.

Software for eRBs approved by the following organisations is acceptable to be used on Croatian flagged ships:

- (i) Classification societies recognised by Croatian Maritime Authorities (ROs);
- (ii) Classification societies being EU Recognised classification societies pursuant to the requirements of the Regulation (EC) No. 391/2009 of the European Parliament and of the Council on common rules and standards for ship inspection and survey organisations, irrespective whether they have been recognised as Croatian RO or not;
- (iii) MARPOL contracting Governments.

Notwithstanding above, only acting Croatian ROs are responsible and authorised to validate (accept) approval of the software for eRBs to be used on the particular ship.

#### DECLARATION OF USE OF ELECTRONIC RECORD BOOKS

Every ship, with an approved eRB installed, must carry "Declaration of use of Electronic Record Book". Declaration should clearly list data that will be recorded in eRBs.

"Declaration of use of Electronic Record Book" must be issued by acting Croatian ROs on behalf of Croatian Maritime Authorities, following approval or acceptance of the software.

Such Declaration must be kept on board at all times and is to be made available to duly authorised officials when requested. However, Declaration is not necessary to be on board during testing of the software even if it is already approved.

eRBs must not be used as official way of recording prior "Declaration of use of Electronic Record Book" is issued and placed on board.

Declaration shall have five-year validity from the date of issue (preferably within the same period of validity as for IOPP), subject to the ship being managed by the same Company.

The Company is to notify acting Croatian RO of any changes to the system, or the ISM procedures that may affect use of eRBs and the validity of the Declaration.

#### REQUIREMENTS RELATED TO SAFETY MANAGEMENT SYSTEM

The procedures related to the use of eRBs must be documented in the ship's Safety Management System.

ISM procedures should also comprise the scenario for data recording during malfunction of the software (temporary use of "paper format" records).

