

RULES FOR MARINE POLLUTION PREVENTION SYSTEMS

GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS

Rules for Marine Pollution Prevention Systems

2020 AMENDMENT NO.2

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Rule No.91 / Notice No.49 30 September 2020

Resolved by Technical Committee on 22 January 2020

ClassNK
NIPPON KAIJI KYOKAI

An asterisk (*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

RULES FOR MARINE POLLUTION PREVENTION SYSTEMS

RULES

2020 AMENDMENT NO.2

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An asterisk (*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

“Rules for marine pollution prevention systems” has been partly amended as follows:

Part 2 SURVEYS

Chapter 1 GENERAL

1.3 Verification Survey of Certificates, etc.

Paragraph 1.3.2 has been amended as follows.

1.3.2 Certificates and Documents, etc. other than those Specified in 1.3.1*

1 At surveys, the following certificates and other documents, etc. are to be presented to the Surveyor to verify that these certificates and documents are placed on board the ship (excluding unmanned towed ships), and are appropriate. However, at Occasional Surveys, the presentation of certificates and documents to the Surveyor may be limited to the concerned ones.

((1) and (2) are omitted.)

(3) Relating to the equipment for the prevention of air pollution from ships

((a) and (b) are omitted.)

(c) Record book of engine parameters or designated electronic record book (when the requirements of **2.1, Part 8** are applied)

((d) and (e) are omitted.)

(f) Log-book or designated electronic record book (when the requirements of **2.1.4** or **2.2.1-1, Part 8** are applied)

((g) to (k) are omitted.)

Part 3 CONSTRUCTION AND EQUIPMENT FOR THE PREVENTION OF POLLUTION BY OIL

Chapter 1 GENERAL

1.1 Application and Terminology

1.1.2 Terminology (*Regulation 1 of Annex I*)*

Sub-paragraph (8) has been added as follows.

For the purpose of the requirements in this part, the following definitions apply:

((1) to (7) are omitted.)

(8) “Electronic record book” means a device or system, approved by the Administration, used to electronically record the required entries for discharges, transfers and other operations as required under this Part in lieu of a hard copy record book.

1.2 General Rules

Paragraph 1.2.2 has been amended as follows.

1.2.2 Oil Record Book (*Regulations 17 and 36 of Annex I*)*

Every oil tanker of 150 *gross tonnage* and above and every ship of 400 *gross tonnage* and above other than an oil tanker are to be provided with an Oil Record Book to record relevant issues including any of the following operations. The Oil Record Book, whether as a part of the ship's official logbook, as an electronic record book which is to be approved by the Administration taking into account the Guidelines developed by *IMO*, or otherwise, is to be in the form specified in Appendix III to Annex I.

((1) and (2) are omitted.)

Part 4 CONSTRUCTION AND EQUIPMENT FOR THE PREVENTION OF POLLUTION BY DISCHARGES OF NOXIOUS LIQUID SUBSTANCES IN BULK

Chapter 1 GENERAL

1.2 Definitions

1.2.1 Terminology (*Regulation 1 of Annex II*)

Sub-paragraph (14) has been added as follows.

For the purpose of this Part, the following definitions apply:

((1) to (13) are omitted.)

(14) “Electronic record book” means a device or system, approved by the Administration, used to electronically record the required entries for discharges, transfers and other operations as required under this Part in lieu of a hard copy record book.

Chapter 2 CONSTRUCTION AND EQUIPMENT

2.2 Requirements for Installation of Construction and Equipment

2.2.1 Equipment for the Prevention of Discharge of Noxious Liquid Substances*

Sub-paragraph -6 has been amended as follows.

6 Ships are to be provided with the Cargo record book, recorded loading of cargo, internal transfer of cargo, unloading of cargo, cleaning and prewash of cargo tank, discharge into the sea of tank washings, ballasting of cargo tanks and discharge of ballast water from cargo tanks, etc. The Cargo record book, whether as a part of the ship's official logbook, as an electronic record book which is to be approved by the Administration taking into account the Guidelines developed by IMO, or otherwise, is to be in the form specified in Appendix II to Annex II.

Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

Chapter 1 GENERAL

1.1 General

1.1.2 Terminology (*Regulation 2, 13, 14 and 16 of Annex VI and 1.3, 4.1, 4.3.9 and 4.4.8 of NOx Technical Code*)*

Sub-paragraphs (23) and (24) have been added as follows.

For the purpose of the requirements in this Part, the following definitions apply unless specified otherwise in Chapters 2 or 3:

((1) to (22) are omitted.)

(23) “Electronic record book” means a device or system, approved by the Administration, used to electronically record the required entries for discharges, transfers and other operations as required under this Part in lieu of a hard copy record book.

(24) “Electronic record book of engine parameters” means a device or system, approved by the Administration, used to electronically record the entries required under this Part in lieu of a hard copy record book.

1.2 General Requirement

1.2.1 Ozone Depleting Substances (*Regulation 12 of Annex VI*)*

Sub-paragraph -6 has been amended as follows.

6 Each ship, in accordance with ~~-5~~ above, which has rechargeable systems that contain ozone depleting substances is to maintain an Ozone Depleting Substances Record Book of which entries are to be recorded in terms of substance mass and to be completed without delay on each occasion, in respect of the following **(1)** through **(5)**. This Record Book may form part of an existing log-book or electronic recording ~~system~~ book as approved by the Administration.

((1) to (5) are omitted.)

Chapter 2 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

2.1 Nitrogen Oxides (NO_x) (*Regulation 13 of Annex VI*)

2.1.3 Technical File and Record Book of Engine Parameters*

Sub-paragraph -2 has been amended as follows.

2 Record Book of Engine Parameters

Each diesel engine is to be accompanied with a record book or electronic record book of engine parameters in which a full record of adjustments, modifications and all parameter changes, including components and settings of the diesel engine which may influence NO_x emission made after the approval of Technical File, are contained.

Paragraph 2.1.4 has been amended as follows.

2.1.4 Recording of Information related to NO_x Emission Control

The tier (Tier II or Tier III) and on/off status of diesel engines installed on board a ship to which **2.1.2-1(c)** applies which are certified to both Tier II and Tier III or which are certified to Tier II only is to be recorded in such log-book or electronic record book as prescribed by the Administration together with the date, time and position of the ship on the following occasions: ((1) to (3) are omitted.)

2.2 Sulphur Oxides (SO_x) and Particulate Matter

2.2.1 Fuel Oil Change-over on Ship Operating in SO_x Emission Control Areas (*Regulation 14 of Annex VI*)

Sub-paragraph -1 has been amended as follows.

1 Those ships using separate fuel oils to comply with **1.2.2-2** and entering or leaving a SO_x Emission Control Area are to carry a written procedure showing how the fuel oil change-over is to be done, allowing sufficient time for the fuel oil service system to be fully flushed of all fuel oils exceeding the applicable sulphur content specified in **1.2.2-2** prior to entry into such an Emission Control Area. The volume of low sulphur fuel oils (complying with **1.2.2-2**) in each tank as well as the date, time, and position of the ship on the following **(1)** and **(2)** occasions is to be recorded in such log-book or electronic record book as prescribed by the Administration. ((1) and (2) are omitted.)

EFFECTIVE DATE AND APPLICATION

- 1.** The effective date of the amendments is 1 October 2020.

GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS

GUIDANCE

2020 AMENDMENT NO.2

Notice No.49 30 September 2020

Resolved by Technical Committee on 22 January 2020

AMENDMENT TO THE GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS

“Guidance for marine pollution prevention systems” has been partly amended as follows:

Part 2 SURVEYS

Chapter 1 GENERAL

1.1 General

Paragraph 1.1.3 has been amended as follows.

1.1.3 Intervals of Surveys

- 1** (Omitted)
- 2** Occasional surveys specified in **1.1.3-5(3), Part 2 of the Rules** are to be in accordance with the followings:
 - ~~(1)~~ STS operations Plan
(Omitted)
 - ~~3(2)~~ Approved Method
(Omitted)
 - ~~4(3)~~ Ship Energy Efficiency Management Plan (SEEMP)
~~(1a)~~ (Omitted)
~~(2b)~~ (Omitted)
 - ~~5(4)~~ Stability Instruments
(Omitted)
 - ~~6(5)~~ Oil Residues (Sludge) Tank Piping
(Omitted)
 - ~~7(6)~~ Equipment for the Prevention of Pollution by Sewage
(Omitted)
 - ~~(7)~~ Ozone Depleting Substances
For ships where “electronic recording system” referred to in *IMO* resolution MEPC.176(58) are provided, a survey is to be carried out to verify compliance with the requirements of **1.2.1-6, Part 8 of the Rules** by the first Special Survey carried out on or after 1 October 2020, but not later than 1 October 2025.

Part 3 CONSTRUCTION AND EQUIPMENT FOR THE PREVENTION OF POLLUTION BY OIL

Chapter 1 GENERAL

1.2 General Rules

Paragraph 1.2.2 has been added as follows.

1.2.2 Oil Record Book

The wording “the Guidelines developed by *IMO*” specified in **1.2.2, Part 3 of the Rules** means the “*Guidelines for the Use of Electronic Record Books under MARPOL (IMO Res. MEPC.312(74))*”.

Part 4 CONSTRUCTION AND EQUIPMENT FOR THE PREVENTION OF POLLUTION BY DISCHARGES OF NOXIOUS LIQUID SUBSTANCES IN BULK

Chapter 2 CONSTRUCTION AND EQUIPMENT

2.2 Requirements for Installation of Construction and Equipment

2.2.1 Equipment for the Prevention of Discharge of Noxious Liquid Substances

Sub-paragraph -2 has been amended as follows.

2 ~~The Cargo record book in 2.2.1-6 in Part 4 of the Rules shall have a format in compliance with Appendix 2 to Annex II.~~ The wording “the Guidelines developed by *IMO*” specified in **2.2.1-6 in Part 4 of the Rules** means the “*Guidelines for the Use of Electronic Record Books under MARPOL (IMO Res. MEPC.312(74))*”.

Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

Chapter 1 GENERAL

1.2 General Requirement

1.2.1 Ozone Depleting Substances (*Regulation 12 of Annex VI*)

Sub-paragraph -2 has been added as follows.

2 In applying 1.2.1-6, Part 8 of the Rules, with respect to the electronic record book used as an Ozone Depleting Substances Record Book, reference is to be made to *IMO resolution MEPC.312(74)*.

Chapter 2 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

2.1 Nitrogen Oxides (NO_x) (*Regulation 13 of Annex VI*)

2.1.3 Technical File and Record Book of Engine Parameters

Sub-paragraph -4 has been added as follows.

4 In applying 2.1.3-2, Part 8 of the Rules, with respect to the electronic record book used as a Record Book of Engine Parameters, reference is to be made to *IMO resolution MEPC.312(74)*.

Paragraph 2.1.4 has been added as follows.

2.1.4 Recording of Information related to NO_x Emission Control

In applying 2.1.4, Part 8 of the Rules, with respect to the electronic record book, reference is to be made to *IMO resolution MEPC.312(74)*.

Section 2.2 has been added as follows.

2.2 Sulphur Oxides (SO_x) and Particulate Matter

2.2.1 Fuel Oil Change-over on Ship Operating in SO_x Emission Control Areas **(Regulation 14 of Annex VI)**

In applying 2.2.1-1, Part 8 of the Rules, with respect to the electronic record book, reference is to be made to *IMO resolution MEPC.312(74)*.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 October 2020.