

# **RULES FOR MARINE POLLUTION PREVENTION SYSTEMS**

GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS

## **Rules for Marine Pollution Prevention Systems**

**2022 AMENDMENT NO.3**

**Guidance for Marine Pollution Prevention Systems**

**2022 AMENDMENT NO.3**

Rule No.90 / Notice No.65      31 October 2022

Resolved by Technical Committee on 27 July 2022 / 16 September 2022

**ClassNK**  
NIPPON KAIJI KYOKAI

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

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# **RULES FOR MARINE POLLUTION PREVENTION SYSTEMS**

**RULES**

## **2022 AMENDMENT NO.3**

Rule No.90 31 October 2022

Resolved by Technical Committee on 27 July 2022

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 2 REGISTRATION SURVEYS**

#### **2.1 Registration Surveys during Construction**

##### **2.1.3 Inspections of Construction and Equipment\***

Sub-paragraph -5 has been amended as follows.

**5** Inspections are to be carried out on the following items for the equipment for the prevention of air pollution from every ship of 400 *tons* gross tonnage or above, every mobile offshore drilling unit and other platforms. However, the inspections required in **(2)(b)**, and (3) excluding **(a)** ~~and (6)~~ are to be carried out irrespective of tonnage of the ship.

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

(6) Representative sample (in-use samples) position of fuel oil to be used (limited to ships of 400 gross tonnage and above that are engaged in international voyages)

Confirmation that positions for representative sample (in-use samples) of fuel oil are fitted or designated.

## Chapter 3 REGISTRATION MAINTENANCE SURVEYS

### 3.1 Annual Surveys

#### 3.1.2 Inspections of Construction and Equipment\*

Sub-paragraph -4 has been amended as follows.

4 Inspections are to be carried out on the following items for the equipment for the prevention of air pollution from every ship of 400 *gross tonnage* and above, every mobile offshore drilling unit and other platforms. The surveys referred to in ~~(3)(b) and (7)~~ are, however, to be carried out on all ships.

((1) to (6) are omitted.)

(7) Representative sample (in-use samples) position of fuel oil to be used (limited to ships of 400 gross tonnage and above that are engaged in international voyages)

Confirmation that positions for representative sample (in-use samples) of fuel oil are fitted or designated.

### 3.2 Intermediate Surveys

#### 3.2.2 Inspections of Construction and Equipment\*

Sub-paragraph -4 has been amended as follows.

4 Inspections specified in **3.1.2-4** are to be carried out on the equipment for the prevention of air pollution from every ship of 400 *gross tonnage* and above, every mobile offshore drilling unit and other platforms except where all ships are to be subjected to the surveys referred to in **3.1.2-4(3)(b)** ~~and (7)~~.

### 3.3 Special Surveys

#### 3.3.2 Inspections of Construction and Equipment\*

Sub-paragraph -5 has been amended as follows.

5 Inspections specified in **3.2.2-4** are to be carried out on the equipment for the prevention of air pollution from every ship of 400 *gross tonnage* and above, every mobile offshore drilling unit and other platforms except where all ships are to be subjected to the surveys referred to in **3.1.2-4(3)(b)** ~~and (7)~~.

# Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

## Chapter 2 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

### 2.2 Sulphur Oxides (SOx) and Particulate Matter (*Regulation 14 of Annex VI*)

#### 2.2.2 In-use fuel oil sampling points\*

Sub-paragraphs -1 and -2 have been amended as follows.

**1** For ships (including mobile offshore drilling units and other platforms) ~~which~~ of 400 gross tonnage and above engaged in international voyages that are at the beginning stage of their construction on or after 1 April 2022 ~~and which are deemed necessary by the Society~~, sampling points are to be fitted or designated for the purpose of taking representative samples (in-use samples) of the fuel oil being used on board the ship, taking into account guidelines deemed appropriate by the Society.

**2** For ships (including mobile offshore drilling units and other platforms) ~~which~~ of 400 gross tonnage and above engaged in international voyages that are at the beginning stage of their construction before 1 April 2022 ~~and which are deemed necessary by the Society~~, the sampling points specified in **-1** above are to be fitted or designated no later than the first Special Survey carried out on or after 1 April 2023.

**3** The requirements specified in **-1** and **-2** above are not applicable to fuel oil service systems for low-flashpoint fuels for combustion purposes for propulsion or operation on board the ship.

### EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 January 2023.

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# **GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS**

**GUIDANCE**

**2022 AMENDMENT NO.3**

Notice No.65      31 October 2022

Resolved by Technical Committee on 27 July 2022 / 16 September 2022

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

Amendment 3-1

## **Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS**

### **Chapter 3 ENERGY EFFICIENCY FOR SHIPS**

Section 3.6 has been amended as follows.

#### **3.6 Ship Energy Efficiency Management Plan (SEEMP) (Regulation 26 of Annex VI)**

(-1 is omitted.)

2 The “guidelines deemed appropriate by the Society” specified in **3.6-3, Part 8 of the Rules** refers to the ~~2016 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) (IMO Res. MEPC.282(70)) as amended~~ 2022 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) (IMO resolution MEPC.346(78)) as amended.

(-3 is omitted.)

4 The “guidelines developed by the IMO” specified in **3.6-4(3), Part 8 of the Rules** refers to the Guidelines for the Verification and Company Audits by the Administration of Part III of the Ship Energy Efficiency Management Plan (SEEMP) (IMO resolution MEPC.347(78)) as amended.

#### **3.8 Data Collection, Reporting and Retained related to Fuel Oil Consumption Reporting, etc. (Regulation 27 of Annex VI)**

Sub-paragraphs -2 and -3 have been amended as follows.

2 The “standardized format deemed appropriate by the Society” specified in **3.8-1(2)(a), Part 8 of the Rules** refers to the ~~2016 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) (IMO Res. MEPC.282(70)) as amended~~ 2022 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) (IMO resolution MEPC.346(78)) as amended.

3 The “guidelines to be developed by the IMO” referred to in **3.8-1(3), Part 8 of the Rules** means the ~~2017 Guidelines for Administration of Ship Fuel Oil Consumption Data (IMO Res. MEPC.292(71)) as amended~~ 2022 Guidelines for Administration Verification of Ship Fuel Oil Consumption Data and Operational Carbon Intensity (IMO resolution MEPC.348(78)) as amended.

Section 3.9 has been amended as follows.

### **3.9 Operational Carbon Intensity (Regulations 28 of Annex VI)**

#### **3.9.1 Attained Annual Operational Carbon Intensity Indicator (Attained Annual Operational CII)**

**1** The “guidelines deemed appropriate by the *IMO*” specified in **3.9.1-1 and 3.9.1-3, Part 8 of the Rules** refers to the ~~2021 Guidelines on Operational Carbon Intensity Indicators and the Calculation Methods (CII Guidelines, G1) (IMO Res. MEPC.336(76) as amended~~ 2022 Guidelines on Operational Carbon Intensity Indicators and the Calculation Methods (CII Guidelines, G1) (IMO resolution MEPC.352(78)) as amended and 2022 Interim Guidelines on Correction Factors and Voyage Adjustments For CII Calculations (CII Guidelines, G5) (IMO resolution MEPC.355(78)) as amended.

**2** The “standardized format developed by the *IMO*” specified in **3.9.1-2, Part 8 of the Rules** refers to the standardized format specified in 2022 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) (IMO resolution MEPC.346(78)) as amended.

#### **3.9.2 Required Annual Operational Carbon Intensity Indicator (Required Annual Operational CII)**

The “guidelines deemed appropriate by the *IMO*” specified in **3.9.2-2, Part 8 of the Rules** refers to the ~~2021 Guidelines on the Reference Lines for Use with Operational Carbon Intensity Indicators (CII Reference Lines Guidelines, G2) (IMO Res. MEPC.337(76)) as amended~~ 2022 Guidelines on the Reference Lines for Use with Operational Carbon Intensity Indicators (CII Reference Lines Guidelines, G2) (IMO resolution MEPC.353(78)) as amended and “~~2021 Guidelines on the Operational Carbon Intensity Reduction Factors Relative to Reference Lines (CII Reduction Factors, G3) (IMO Res. resolution MEPC.338(76)) as amended~~ as amended.”

#### **3.9.3 Operational Carbon Intensity Rating**

The “guidelines deemed appropriate by the *IMO*” specified in **3.9.3, Part 8 of the Rules** refers to the ~~2021 Guidelines on the Operational Carbon Intensity Rating of Ships (CII Rating Guidelines, G4) (IMO Res. MEPC.339(76)) as amended~~ 2022 Guidelines on the Operational Carbon Intensity Rating of Ships (CII Rating Guidelines, G4) (IMO resolution MEPC.354(78)) as amended and 2022 Guidelines for Administration Verification of Ship Fuel Oil Consumption Data and Operational Carbon Intensity (IMO resolution MEPC.348(78)) as amended.

### EFFECTIVE DATE AND APPLICATION (Amendment 3-1)

1. The effective date of the amendments is 1 November 2022

## Part 2 SURVEYS

### Chapter 2 REGISTRATION SURVEYS

#### 2.1 Registration Surveys during Construction

##### 2.1.2 Submission of Plans and Documents for Approval

Sub-paragraph -5 has been amended as follows.

**5** Details of the documents related to existing ship energy efficiency referred to in **2.1.2-4** in **Part 2 of the Rules** are as follows:

- (1) The Energy Efficiency Existing Ship Index (EEXI) Technical File is a document which contains basic information related to the EEXI calculation conditions, and it is to contain the following information:
  - ((a) to (i) are omitted.)
  - (j) An in-service performance measurement report specified in *IMO* resolution *MEPC.350(78)* as amended (if applicable).
  - ~~(k)~~ Other documents deemed necessary by the Society.
- ((2) is omitted.)

# Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

## Chapter 3 ENERGY EFFICIENCY FOR SHIPS

### 3.3 Attained Energy Efficiency Existing Ship Index (Attained EEXI) (*Regulation 23 of Annex VI*)

Sub-paragraphs -1 and -2 have been amended as follows.

1 The “guidelines deemed appropriate by the Society” specified in **3.3-1, Part 8 of the Rules** refers to the ~~2021 Guidelines on Survey and Certification of the attained Energy Efficiency Existing Ship Index (EEXI) (IMO Res.MEPC.334(76))~~ 2022 Guidelines on Survey and Certification of the attained Energy Efficiency Existing Ship Index (EEXI) (IMO resolution MEPC.351(78)) as amended.

2 The “guidelines deemed appropriate by the Society” specified in **3.3-3, Part 8 of the Rules** refers to the ~~2021 Guidelines on the method of calculation of the attained Energy Efficiency Existing Ship Index (EEXI)(IMO Res.MEPC.333(76))~~ 2022 Guidelines on the Method of Calculation of the Attained Energy Efficiency Existing Ship Index (EEXI)(IMO resolution MEPC.350(78)) as amended, and Guidance on Methods, Procedures and Verification of in-service Performance Measurements(IMO MEPC.1/Circ.901) as amended.

#### EFFECTIVE DATE AND APPLICATION (Amendment 3-2)

1. The effective date of the amendments is 1 January 2023.
2. Notwithstanding the amendments to the Guidance, the current requirements apply to ships delivered before the effective date except for in cases where the amendments are to be retroactively applied.

## **Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS**

### **Chapter 2 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS**

#### **2.2 Sulphur Oxides (SO<sub>x</sub>) and Particulate Matter** (*Regulation 14 of Annex VI*)

Paragraph 2.2.2 has been amended as follows.

##### **2.2.2 In-use fuel oil sampling points**

~~1 The wording “deemed necessary by the Society” in 2.2.2-1 and 2, Part 8 of the Rules means all ships deemed necessary by the Administration.~~

**2** The wording “guidelines deemed appropriate by the Society” in **2.2.2-1, Part 8 of the Rules** means the “*2019 Guidelines for On Board Sampling for the Verification of the Sulphur Content of the Fuel Oil Used On Board Ships (MEPC.1/Circ.864/Rev.1, as amended)*”.

#### **EFFECTIVE DATE AND APPLICATION (Amendment 3-3)**

- 1.** The effective date of the amendments is 1 January 2023.