
RULES FOR MARINE POLLUTION PREVENTION SYSTEMS

RULES

2017 AMENDMENT NO.2

Rule No.93 25 December 2017

Resolved by Technical Committee on 26 July 2017

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:

Amendment 2-1

Part 1 GENERAL

Chapter 1 GENERAL

1.1 General

Paragraph 1.1.4 has been amended as follows.

1.1.4 Class Notations

1 Based on **2.1.3-2 of the Rules for the Classification and Registry of Ships**, “*Energy Efficiency Design Index-phase X*” (abbreviated as *EEDI-pX* in which *X* refers to the adopted phase) is to be affixed to the classification characters of ships whose attained EEDI satisfies a required value calculated using a phase reduction factor which is stricter than the phase reduction factor to be applied according to **Chapter 3, Part 8**.

2 Based on **2.1.3-2 of the Rules for the Classification and Registry of Ships**, “*Nitrogen Oxides Emission-Tier III*” (abbreviated as “*NOx-III*”) is to be affixed to the classification characters of ships installed with marine diesel engines satisfying the maximum allowable NO_x emission limit criteria specified in **2.1.2-1(1)(c) of Part 8** which are permitted to operate in NO_x emission control areas. For ships using selective catalytic reduction systems, exhaust gas recirculation systems, dual fuel engines or gas-only engines to satisfy the maximum allowable NO_x emission limits criteria specified in 2.1.2-1(1)(c), Part 8, the following notations referred to in (1) to (4) are listed in parentheses after *NOx-III* according to the installed equipment/engine.

(1) Ships using selective catalytic reduction systems complying with 1.3.1-10(1), Part D of the Rules for the Survey and Construction of Steel Ships, 1.2.1-11(1), Part 9 of the Rules for High Speed Craft, or 1.3.1-8(1), Part 7 of the Rules for the Survey and Construction of Inland Waterway Ships:

Selective Catalytic Reduction (abbreviated as “*SCR*”)

(2) Ships using exhaust gas recirculation systems complying with 2.1.1-5, Part D of the Rules for the Survey and Construction of Steel Ships, 2.1.1-4, Part 9 of the Rules for High Speed Craft, or 2.1.1-5, Part 7 of the Rules for the Survey and Construction of Inland Waterway Ships:

Exhaust Gas Recirculation (abbreviated as “*EGR*”)

(3) Ships using dual fuel engines complying with 16.1 and 16.7, Part N of the Rules for the Survey and Construction of Steel Ships or 1.1.3-1(20), Part GF of the Rules for the Survey and Construction of Steel Ships:

Dual Fuel Engine (abbreviated as “*DFE*”)

(4) Ships using gas-only engines complying with 1.1.3-1(20), Part GF of the Rules for the Survey and Construction of Steel Ships:

Gas-only Engine (abbreviated as “*GOE*”)

3 Based on 2.1.3-2 of the Rules for the Classification and Registry of Ships, “*Exhaust Gas Cleaning System*” (abbreviated as “*EGCS*”) is to be affixed to the classification characters of ships

installed with exhaust gas cleaning systems approved by the Administration as an alternative specified in **1.1.3, Part 8** and complying with **1.3.1-10(2), Part D of the Rules for the Survey and Construction of Steel Ships, 1.2.1-11(2), Part 9 of the Rules for High Speed Craft, or 1.3.1-8(2), Part 7 of the Rules for the Survey and Construction of Inland Waterway Ships.**

EFFECTIVE DATE AND APPLICATION (Amendment 2-1)

1. The effective date of the amendments is 1 January 2018.

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 (18) to (20) 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 (17) are omitted.)

(18) “Fuel oil” means any fuel delivered to and intended for combustion purposes for propulsion or operation on board a ship, including gas, distillate and residual fuels.

(19) “Calendar year” means the period from 1 January until 31 December inclusive.

(20) “Company” means the owner of the ship or any other organization or person such as the manager, or the bareboat charterer, who has assumed the responsibility for operation of the ship from the owner of the ship and who on assuming such responsibility has agreed to take over all the duties and responsibilities imposed by the *International Management Code for the Safe Operation of Ships and for Pollution Prevention*, as amended.

EFFECTIVE DATE AND APPLICATION (Amendment 2-2)

1. The effective date of the amendments is 1 March 2018.

Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

Chapter 3 ENERGY EFFICIENCY FOR SHIPS

Section 3.4 has been amended as follows.

3.4 Ship Energy Efficiency Management Plan (SEEMP) (*Regulation 22 of Annex VI*)*

1 Each ship is to maintain on board a ship specific Ship Energy Efficiency Management Plan (SEEMP). This may form part of the ship's Safety Management System (SMS).

2 In the case of a ship of 5,000 gross tonnage and above, the SEEMP is to include a description of the methodology that will be used to collect the data required by *Regulation 22A.1 of Annex VI* and the processes that will be used to report the data to the ship's Administration.

~~**3**~~ SEEMPs are to be developed in accordance with guidelines deemed appropriate by the Society.

EFFECTIVE DATE AND APPLICATION (Amendment 2-3)

- 1.** The effective date of the amendments is 1 March 2018.
- 2.** Notwithstanding the amendments to the Rules, the current requirements apply to ships delivered before the effective date except for in cases where the amendments are to be retroactively applied.

Part 2 SURVEYS

Chapter 1 GENERAL

1.3 Verification Survey of Certificates, etc.

1.3.2 Certificates and Documents other than those Specified in 1.3.1*

Sub-paragraph -1(3) has been amended as follows.

1 At surveys, the following certificates and other documents 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) Bunker delivery note
 - (b) Technical file (when the requirements of **2.1, Part 8** are applied)
 - (c) Record book of engine parameters (when the requirements of **2.1, Part 8** are applied)
 - (d) On-board monitoring manual for on-board direct measurement and monitoring method (when the method referred to in **2.1.2-1(2)(c), Part 8** is used (refer to 6.4 and Appendix VIII of the *NO_x Technical Code*)
 - (e) List of equipment containing ozone depleting substances and Ozone Depleting Substances Record Book (when the requirements of **1.2.1, Part 8** are applied)
 - (f) Log-book (when the requirements of **2.1.4** or **2.2-2, Part 8** are applied)
 - (g) Procedure manual of fuel oil change-over (when the requirements of **2.2-2, Part 8** are applied)
 - (h) Operation manual for the vapour collection system and VOC Management Plan (when the requirements of **2.3, Part 8** are applied)
 - (i) Operating manual for the incinerator (when the requirements of **2.4-2, Part 8** are applied)
 - (j) Statements of Compliance related to fuel oil consumption reporting (when the requirements of **3.5.1, Part 8** are applied)

Chapter 3 ENERGY EFFICIENCY FOR SHIPS

Section 3.5 has been added as follows.

3.5 Statements of Compliance related to Fuel Oil Consumption Reporting and Others *(Regulation 22A of Annex VI)*

3.5.1 Statements of Compliance to be Kept and Data to be Retained *(Regulation 22A.8 of Annex VI)*

1 In the case of ships to which the requirements of **3.4-2** apply, valid Statement(s) of Compliance related to fuel oil consumption reporting which are to be issued as a result of the requirements specified in **3.5.2** in accordance with *Regulation 6.6* and/or *Regulation 6.7 of Annex VI* are to be kept on board.

2 In the case of ships which keep a Statement of Compliance issued in accordance with *Regulation 6.6 of Annex VI* on board, the disaggregated data that underlies the aggregated data reported as aggregated values in accordance with **3.5.2(2)(a)** to obtain the Statement of Compliance is to be retained so as to satisfy the following **(1)** and **(2)**:

- (1)** The data is to be readily accessible for a period of not less than 12 *months* from the end of the calendar year in which the data was collected; and
- (2)** The data is to be made available to the Flag Administration upon request.

EFFECTIVE DATE AND APPLICATION (Amendment 2-4)

- 1.** The effective date of the amendments is 1 January 2019.
- 2.** Notwithstanding the amendments to the Rules, the current requirements apply to ships which commence to collect the data required by Regulation 22A.1 of Annex VI until; 1 May of the calendar year following the calendar year in which they commence to collect the data, or the day before the day on which a Statement of Compliance is issued in accordance with Regulation 6.7 of Annex VI, whichever is earlier.

Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

Chapter 3 ENERGY EFFICIENCY FOR SHIPS

3.5 Statements of Compliance related to Fuel Oil Consumption Reporting and Others (Regulation 22A of Annex VI)

Paragraph 3.5.2 has been added as follows.

3.5.2 Data Collection and Reporting, etc. (Regulations 22A.1 to 22A.7 of Annex VI)*

Data collection and reporting to be carried out to obtain the Statements of Compliance required by 3.5.1 are to be in accordance with the following (1) to (3):

- (1) Each ship is to collect the data according to the methodology included in the SEEMP for that and each subsequent calendar year.
- (2) The ship is to aggregate the data collected in accordance with the preceding (1) and report them to the Flag Administration or the Society in accordance with the following (a) or (b):
 - (a) At the end of each calendar year, the ship is to aggregate the data collected in accordance with the preceding (1) in that calendar year or portion thereof and is to report to its Flag Administration or the Society, within three months after the end of each calendar year, the aggregated value for each datum via electronic communication and using a standardized format deemed appropriate by the Society.
 - (b) Notwithstanding the preceding (a), in cases where a ship is transferred to another Flag Administration or the Company changes, either of the following i) to iii) is to be followed:
 - i) In the event of the transfer of a ship from one Flag Administration to another:
The ship is, on the day of completion of the transfer or as close as practical thereto, to report to the losing Flag Administration or the Society, the aggregated data, which has been collected in accordance with the preceding (1), for the period of the calendar year corresponding to that Flag Administration and, upon prior request of that Flag Administration, the disaggregated data.
 - ii) In the event of a change from one Company to another:
The ship is, on the day of completion of the change or as close as practical thereto, to report to its Flag Administration or the Society, the aggregated data, which has been collected in accordance with the preceding (1), for the portion of the calendar year corresponding to the Company and, upon request of its Flag Administration, the disaggregated data.
 - iii) In the event of change from one Flag Administration to another and from one Company to another concurrently:
The preceding i) is to apply.
- (3) The data reported in accordance with the preceding (2) is to be verified according to procedures established by the Flag Administration, taking into account guidelines to be developed by the IMO.

EFFECTIVE DATE AND APPLICATION (Amendment 2-5)

1. The effective date of the amendments is 1 January 2019.

GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS

GUIDANCE

2017 AMENDMENT NO.2

Notice No.97 25 December 2017

Resolved by Technical Committee on 26 July 2017

AMENDMENT TO THE GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS

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

Amendment 2-1

Part 2 SURVEYS

Chapter 1 GENERAL

1.1 General

1.1.3 Intervals of Surveys

Sub-paragraph -3 has been amended as follows.

3 Ship Energy Efficiency Management Plan (SEEMP)

- (1) For ships ~~400 gross tonnage and above which are engaged in the international voyages, and to which Chapter 3, Part 8 of the Rules applies,~~ which are existing ships as specified in **3.1.2(2) Part 8 of the Rules**, ~~it is to be confirmed~~ a survey is to be carried out no later than the first Intermediate or Special Survey conducted, whichever is the first, on or after 1 January 2013 to confirm that a Ship Energy Efficiency Management Plan (SEEMP) which complies with 3.4, Part 8 of the Rules is maintained on board.
- (2) For ships to which 3.4-2, Part 8 of the Rules applies which are delivered before 1 March 2018, a survey is to be carried out on or before 31 December 2018 to confirm that the Ship Energy Efficiency Management Plan (SEEMP) includes the description of the the methodology and processes specified in 3.4-2, Part 8 of the Rules.

Chapter 4 OCCASIONAL SURVEYS

4.1 General

4.1.2 Inspection

Sub-paragraph -4(5) has been added as follows.

4 The occasional surveys of ships undergoing a major conversion specified in **3.1.2(3), Part 8 of the Rules** are as follows:

((1) to (4) are omitted.)

(5) For ships to which **3.4-2, Part 8 of the Rules** applies, it is to be verified that the Ship Energy Efficiency Management Plan (SEEMP) has been revised appropriately to reflect a major conversion in those cases where the major conversion affects the methodology used to collect the data and/or the processes used to report the data specified in **3.4-2, Part 8 of the Rules**.

EFFECTIVE DATE AND APPLICATION (Amendment 2-1)

1. The effective date of the amendments is 1 March 2018.

Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

Chapter 3 ENERGY EFFICIENCY FOR SHIPS

Section 3.4 has been amended as follows.

3.4 Ship Energy Efficiency Management Plan (SEEMP) (Regulation 22 of Annex VI)

1 The “*gross tonnage*” referred to in **3.4-2, Part 8 of the Rules** means the gross tonnage calculated in accordance with the *International Convention on Tonnage Measurements of Ships, 1969*.

2 In applying **3.4-2, Part 8 of the Rules**, confirmation of compliance is to be provided to and retained on board the ship.

~~**3**~~ The “*Guidelines deemed appropriate by the Society*” specified in ~~**3.4-23, Part 8 of the Rules**~~ refers to the “*2012/2016 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) (IMO Res. MEPC.213(63)/282(70)*”, as amended²².”

~~**4**~~ SEEMP is to be established in a working language or languages understood by ship's personnel.

EFFECTIVE DATE AND APPLICATION (Amendment 2-2)

- 1.** The effective date of the amendments is 1 March 2018.
- 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 3 ENERGY EFFICIENCY FOR SHIPS

Section 3.5 has been added as follows.

3.5 Statements of Compliance related to Fuel Oil Consumption Reporting and Others *(Regulation 22A of Annex VI)*

3.5.2 Data Collection and Reporting, etc. (Regulations 22A.1 to 22A.7 of Annex VI)

1 With respect to the reporting required in (a) and (b) of **3.5.2(2), Part 8 of the Rules**, the information specified in *Appendix IX of Annex VI* is to be included.

2 The “standardized format deemed appropriate by the Society” specified in **3.5.2(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.

EFFECTIVE DATE AND APPLICATION (Amendment 2-3)

1. The effective date of the amendments is 1 January 2019.