
RULES FOR MARINE POLLUTION PREVENTION SYSTEMS

RULES

2019 AMENDMENT NO.1

Rule No.40 14 June 2019

Resolved by Technical Committee on 30 January 2019

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 1 GENERAL

Chapter 1 GENERAL

1.1 General

1.1.4 Class Notations

Sub-paragraph -1 has been amended as follows.

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**; for ro-ro cargo ships and ro-ro passenger ships, however, this requirement only applies in cases where the required EEDI value is stricter.

Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

Chapter 3 ENERGY EFFICIENCY FOR SHIPS

3.1 General

3.1.1 Application (Regulation 19 of Annex VI)*

Sub-paragraph -3 has been amended as follows.

3 Notwithstanding -1, **3.2** and **3.3** need not be applied to ships of 400 *gross tonnage* and above which are exempted by the Administration from complying with the requirements except in the following cases:

- (1) Ships ~~whose~~ for which the building contract is placed on or after 1 January 2017
- (2) ~~Ships, i~~ In the absence of a building contract, whose keel is laid or which are at a similar stage of construction ~~ships at beginning stage of construction~~ on or after 1 July 2017
- ((3) and (4) are omitted.)

3.1.2 Terminology (Regulation 2 of Annex VI)*

Sub-paragraphs (1) and (22) have been amended as follows.

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

- (1) "New ship" means as follows:
 - (a) ~~A S~~ ships whose for which the building contract is placed on or after 1 January 2013
 - (b) ~~Ships, i~~ In the absence of a building contract, whose keel is laid or which are at a similar stage of construction ~~a ship at beginning stage of construction~~ on or after 1 July 2013
 - (c) ~~A S~~ ships whose the delivery of which is on or after 1 July 2015
- ((2) to (21) are omitted.)
- (22) "A ship delivered on or after 1 September 2019" means as follows ~~a ship~~:
 - (a) A ship for which the building contract is placed on or after 1 September 2015;
 - (b) ~~i~~ In the absence of a building contract, the keel of which is laid, or which is at a similar stage of construction, a ship at beginning stage of construction on or after 1 March 2016;
or
 - (c) A ship the delivery of which is on or after 1 September 2019.

Table 8-9 has been amended as follows.

Table 8-9 Parameters for Determination of Reference Values for Different Ship Types

Ship type defined in 3.1.2	<i>a</i>	<i>b</i>	<i>c</i>	
(4) Bulk carrier	961.79	DWT Deadweight of the ship (referred to as “DWT” hereinafter in this Table)	0.477	
(5) Gas carrier	1120.00		0.456	
(6) Tanker	1218.80		0.488	
(7) Container carrier	174.22		0.201	
(8) General cargo ship	107.48		0.216	
(9) Refrigerated cargo carrier	227.01		0.244	
(10) Combination carrier	1219.00		0.488	
(12) Ro-ro cargo ship (vehicle carrier)	$(DWT/GT)^{-0.7} \times 780.36$ where $DWT/GT < 0.3$, 1812.63 where $DWT/GT \geq 0.3$		0.471	
(13) Ro-ro cargo ship	1405.15		<u>DWT</u>	0.498
	<u>1686.17⁽¹⁾</u>		(i) <u>DWT where $DWT \leq 17,000^{(1)}$</u> (ii) <u>17,000 where $DWT > 17,000^{(1)}$</u>	
(14) Ro-ro passenger ship	752.16	<u>DWT</u>	0.381	
	<u>902.59⁽¹⁾</u>	(i) <u>DWT where $DWT \leq 10,000^{(1)}$</u> (ii) <u>10,000 where $DWT > 10,000^{(1)}$</u>		
(17) LNG carrier	2253.7	<u>DWT</u>	0.474	
(18) Cruise passenger ship having non-conventional propulsion	170.84	Gross tonnage of the ship (GT)	0.214	

Note:

1. To be used from Phase 2 and thereafter. These values, however, may also be applied to Phase 1 in cases where deemed appropriate by the Society.

EFFECTIVE DATE AND APPLICATION

- The effective date of the amendments is 1 September 2019.

GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS

GUIDANCE

2019 AMENDMENT NO.1

Notice No.27 14 June 2019

Resolved by Technical Committee on 30 January 2019

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

Part 8 EQUIPMENT FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

Chapter 3 ENERGY EFFICIENCY FOR SHIPS

Section 3.3 has been amended as follows.

3.3 Required Energy Efficiency Design Index (Required EEDI) (Regulation 21 of Annex VI)

1 In **Table 8-8, Part 8 of the Rules**, a “ship corresponding to Phase 0” refers to the following new ships:

- (1) a ship for which the building contract is placed in Phase 0, and the delivery of which is before 1 January 2019; or
- (2) a ship for which the building contract ~~of which~~ is placed before ~~Phase 0~~ 1 January 2013, and the delivery of which is on or after 1 July 2015 and before 1 January 2019; or ~~in the absence of a building contract,~~
- (3) in the absence of a building contract, the ships referred to in the following (a) or (b):
 - (a) ~~the keel of which is laid or which is at a similar stage of construction~~ a ship at beginning stage of construction on or after 1 July 2013 and before 1 July 2015, and the delivery of which is before 1 January 2019; or
 - (4b) ~~the keel of which is laid or which is at a similar stage of construction~~ a ship at beginning stage of construction before 1 July 2013, and the delivery of which is on or after 1 July 2015 and before 1 January 2019.

2 In **Table 8-8, Part 8 of the Rules**, a “ship corresponding to Phase 1” refers to the following new ships:

- (1) a ship for which the building contract is placed in Phase 1, and the delivery of which is before 1 January 2024; or
- (2) a ship for which the building contract ~~of which~~ is placed before ~~Phase 1~~ 1 January 2015, and the delivery of which is on or after 1 January 2019 and before 1 January 2024; or ~~in the absence of a building contract,~~
- (3) in the absence of a building contract, the ship referred to in the following (a) or (b):
 - (a) ~~the keel of which is laid or which is at a similar stage of construction~~ a ship at beginning stage of construction on or after 1 July 2015 and before 1 July 2020, and the delivery of which is before 1 January 2024; or
 - (4b) ~~the keel of which is laid or which is at a similar stage of construction~~ a ship at beginning stage of construction before 1 July 2015, and the delivery of which is on or after 1 January 2019 and before 1 January 2024.

3 In **Table 8-8, Part 8 of the Rules**, a “ship corresponding to Phase 2” refers to the following new ships:

- (1) a ship for which the building contract is placed in Phase 2, and the delivery of which is before 1 January 2029; or

- (2) a ship for which the building contract of which is placed before Phase 2 1 January 2020, and the delivery of which is on or after 1 January 2024 and before 1 January 2029; or in the absence of a building contract,
- (3) in the absence of a building contract, the ship referred to in the following (a) or (b):
 - (a) the keel of which is laid or which is at a similar stage of construction a ship at beginning stage of construction on or after 1 July 2020 and before 1 July 2025, and the delivery of which is before 1 January 2029; or
 - (4b) the keel of which is laid or which is at a similar stage of construction a ship at beginning stage of construction before 1 July 2020, and the delivery of which is on or after 1 January 2024 and before 1 January 2029.

4 In **Table 8-8, Part 8 of the Rules**, a “ship corresponding to Phase 3” refers to the following new ships:

- (1) a ship for which the building contract is placed in Phase 3; or
- (2) in the absence of a building contract, the keel of which is laid or which is at a similar stage of construction on a ship at beginning stage of construction or after 1 July 2025; or
- (3) a ship the delivery of which is on or after 1 January 2029.

5 The “in cases where deemed appropriate by the Society” referred to in the note for **Table 8-9, Part 8 of the Rules** means those cases where the Administration allows the application of the amendment to Annex VI concerning new parameters for determination of reference values prior to 1 September 2019 based upon paragraph 4 of *IMO Res. 301(72)*.

~~56~~ (Omitted)

EFFECTIVE DATE AND APPLICATION

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