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# **GUIDANCE FOR THE CLASSIFICATION AND REGISTRY OF SHIPS**

**GUIDANCE**

**2023 AMENDMENT NO.1**

Notice No.27      30 June 2023

Resolved by Technical Committee on 25 January 2023

AMENDMENT TO THE GUIDANCE FOR THE CLASSIFICATION AND REGISTRY OF SHIPS

“Guidance for the classification and registry of ships” has been partly amended as follows:

Amendment 1-1

**Chapter 2 CLASSIFICATION OF SHIPS**

**2.1 Classification**

**2.1.3 Class Notations**

Sub-paragraph -3(2) has been amended as follows.

**3** The notations referred to in **2.1.3-2 of the Regulations for the Classification and Registry of Ships** are affixed to Classification Characters according to the following (1) and (2).

((1) is omitted)

(2) The notations referred to in (a) and (b) below are affixed to Classification Characters for the following ships according to **1.1.3~~2~~ of Part 8 of the Rules for Marine Pollution Prevention Systems**.

(a) Ships installed with diesel engines satisfying the maximum allowable NO<sub>x</sub> emission limits criteria specified in **2.1.2-1(1)(c)~~2~~ of Part 8 of the Rules for Marine Pollution Prevention Systems** as an emission control measure and which are permitted to operate in NO<sub>x</sub> emission control areas: “*Nitrogen Oxides Emission-Tier III*” (abbreviated as “*NO<sub>x</sub>-III*”).

For ships using selective catalytic reduction systems, exhaust gas recirculation systems, dual fuel engines ~~or~~, gas-only engines or other technologies to satisfy the maximum allowable NO<sub>x</sub> emission limits criteria specified in **2.1.2-1(1)(c)~~2~~ of Part 8 of the Rules for Marine Pollution Prevention Systems**, the notations referred to in **i) to ~~iv) v)~~** below are listed in parentheses after *NO<sub>x</sub>-III* according to the type of installed equipment, engine or technology installed. The purposes (including the technology used in the case of the engines referred to in v) below) of engines fitted with the systems referred to in **i) ~~and~~ ii)** below as well as ~~and~~ the engines referred to in **iii) ~~and~~ iv) or v)** below are to be entered in the Classification Register as descriptive notes for the ship.

i) Ships using selective catalytic reduction systems:

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

ii) Ships using exhaust gas recirculation systems:

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

iii) Ships using dual fuel engines:

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

iv) Ships using gas-only engines:

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

v) Ships using technologies other than those described in i) to iv) above:

*Other Technologies* (abbreviated as “*Others*”)

((b) is omitted)

## 2.2 Maintenance of Class

Sub-paragraph -6 has been added as follows.

**6** In the case of the alterations or conversions referred to in 2.2-2, Regulations for the Classification and Registry of Ships, the application form (CONV-APP) is to be submitted to the Society.

## 2.3 Application for Classification and Surveys

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

**1** Application for survey for Classification is to be made by submitting ~~“APPLICATION FOR CLASSIFICATION AND STATUTORY SERVICES DURING CONSTRUCTION”~~ an application form (**Form-1A**) for ships that come under **2.1.2(1) of the Regulations for the Classification and Registry of Ships**, and ~~“APPLICATION FOR CLASSIFICATION AND STATUTORY SERVICES FOR AN EXISTING SHIP”~~ an application form (**Form-3A**) for ships that come under **2.1.2(2) of the Regulations for the Classification and Registry of Ships** to the Society’s local office which will undertake the survey.

**2** Request for survey for maintenance of class is to be made by the owner or master of the ship by submitting ~~“APPLICATION FOR SURVEYS AND ISSUE OF CERTIFICATES”~~ an application form (**Form-2A**) to the Society’s local office which will undertake the survey.

Section 2.5 has been added as follows.

## **2.5 Certificate of Class Maintenance and Other Certificates**

The consent of the owner referred to in 2.5, Regulations for the Classification and Registry of Ships is deemed to have been obtained when application form (Form-CM-APP) is submitted.

# Chapter 3 REGISTRATION OF INSTALLATIONS

## 3.3 Application for Installations Registration and Surveys

Sub-paragraph -2 has been amended as follows.

**2** The provision of **2.3-2** is applicable to the application for survey for maintenance of installations registration. The application form to be submitted for such surveys is ~~the “APPLICATION FOR SURVEYS AND ISSUE OF CERTIFICATES”~~ an application form (**Form-2A**) specified by the Society.

## Chapter 4 CERTIFICATE OF CLASSIFICATION

### 4.1 Certificates of Classification

Paragraph 4.1.4 has been amended as follow.

#### 4.1.4 Retention, Reissuance, Rewriting and Return of Certificates and Provisional Certificates

Request for reissue or rewriting of a Certificate of Classification or Provisional Certificate of Classification is to be made ~~in writing~~ by submitting application form (CERT-APP) to the Society's local office or to the Head Office.

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

1. The effective date of the amendments is 30 June 2023.

## Chapter 2 CLASSIFICATION OF SHIPS

### 2.1 Classification

Paragraph 2.1.3 has been amended as follows.

#### 2.1.3 Class Notations

**1** Notations referred to in **2.1.3-1 of the Regulations for the Classification and Registry of Ships** are affixed to Classification Characters when the ship is registered and the provisions of special or additional requirements or the relaxation of conditions are applied.

**2** “A ship ... deemed appropriate by the Society” referred to in **2.1.3-1(4) of the Regulations for the Classification and Registry of Ships** means one of the following:

- (1) A ship whose main hull part is constructed of materials other than steel;
- (2) A ship whose scantlings have been approved by applying detailed structural analysis based on methods such as advanced direct calculation;
- (3) A ship which has been classified on the condition that a special scheme will be applied for the ship’s class maintenance surveys;
- (4) A ship which has been designed and built with novel design features not covered by the current Rules, and which has been classified applying special requirements;
- (5) A ship which has taken measures of corrosion prevention in accordance with specified standards; or
- (6) A ship which has taken measures of noise prevention in accordance with specified standards.

**3** The notations referred to in **2.1.3-2 of the Regulations for the Classification and Registry of Ships** are affixed to Classification Characters according to the following **(1)** and **(2)**.

- (1) Based on the applications received from owners, the notations referred to in **(a)** to **(i)** are affixed to Classification Characters for the following ships ~~based on the application from the owner~~ according to the Guidelines issued separately by the Society or other guidelines deemed appropriate by the Society.
  - (a) Ships which have taken particular measures for the environment in accordance with the minimum requirements or additional features specified in the Society’s “Environmental Guidelines”: *Environmental Awareness* (abbreviated as *EA*)
  - (b) Ships maintaining an “Inventory of Hazardous Materials for Ship Recycling” in accordance with the Society’s “Guidelines for the Inventory of Hazardous Materials”: *Inventory of Hazardous Materials* (abbreviated as *IHM*)
  - (c) Ships ~~applying the provisions~~ adopting measures for the noise and vibration in accommodation spaces etc. ~~contained~~ specified in the Society’s “Noise and Vibration Guideline”: *Noise and Vibration Comfort* (abbreviated as *NVC*)
  - (d) Ships ~~applying the provisions~~ adopting measures for the noise and vibration of machinery room installations ~~contained~~ specified in the Society’s “Noise and Vibration Guideline”: *Mechanical Vibration Awareness* (abbreviated as *MVA*)
  - (e) Ships installed with high voltage shore connection systems as a pollution abatement measure in ports in accordance with the Society’s “Guidelines for High Voltage Shore Connection Systems”: *High Voltage Shore Connection Systems* (abbreviated as *HVSS*)
  - (f) Ships adopting any of the following i) through iv) innovative measures.
    - i) Ships which are provided with systems utilising digital technology (smart systems) in accordance with the Society’s “Guidelines for Digital Smart Ships”: *Digital Smart Ship (XX)* (abbreviated as *DSS(XX)* in which “XX” refers to the relevant smart

system)

- ii) Ships which are provided with special environmental measures in accordance with the advanced environmental measures specified in the Society’s “Environmental Guidelines”: *Advanced Environmental Awareness (XX)* (abbreviated as *a-EA(XX)* in which “XX” refers to the relevant environmental measure)
  - iii) Ships which are provided with special safety measures in accordance with the Society’s “Guidelines for Advanced Safety Measures”: *Advanced Safety (XX)* (abbreviated as *a-SAFE(XX)* in which “XX” refers to the relevant safety measure)
  - iv) Ships which are provided with facilities to improve the living and working environment on board in accordance with the Society’s “Guidelines for Excellent Living and Working Environment”: *Excellent Living and Working Environment (XX)* (abbreviated as *ELW(XX)* in which “XX” refers to the relevant facility)
- (g) Ships which have taken particular cyber security measures in accordance with the Society’s “Guidelines for Designing Cyber Security Onboard Ships”: *Cyber Resilience-Guideline* (abbreviated as *CybR-G*)
- (h) Ships that have taken particular measures for energy efficiency (Ships whose Energy Efficiency Design Index satisfies a required value calculated using a phase reduction factor which is stricter than the phase to be applied according to **3.4, Part 8 of the Rules for Marine Pollution Prevention Systems**; for ro-ro cargo ships and ro-ro passenger ships, however, this requirement only applies in cases where the required EEDI value is stricter): “*Energy Efficiency Design Index-phase X*” (abbreviated as *EEDI-pX* in which X refers to the adopted phase)
- (i) Other ships deemed necessary by the Society to be affixed with special notation.
- (2) The notations referred to in (a) and (b) below are affixed to Classification Characters for the following ships according to **1.1.3 of Part 8 of the Rules for Marine Pollution Prevention Systems**.
- (a) Ships installed with diesel engines satisfying the maximum allowable NO<sub>x</sub> emission limits criteria specified in **2.1.2-1(1)(c) of Part 8 of the Rules for Marine Pollution Prevention Systems** as an emission control measure and which are permitted to operate in NO<sub>x</sub> emission control areas: “*Nitrogen Oxides Emission-Tier III*” (abbreviated as “*NO<sub>x</sub>-III*”).
- For ships using selective catalytic reduction systems, exhaust gas recirculation systems, dual fuel engines or gas-only engines to satisfy the maximum allowable NO<sub>x</sub> emission limits criteria specified in **2.1.2-1(1)(c) of Part 8 of the Rules for Marine Pollution Prevention Systems**, the notations referred to in i) to iv) below are listed in parentheses after *NO<sub>x</sub>-III* according to the installed equipment/engine. The purposes of engines fitted with the systems referred to in i) and ii) below and the engines referred to in iii) and iv) below are to be entered in the Classification Register as descriptive notes for the ship.
- i) Ships using selective catalytic reduction systems:  
*Selective Catalytic Reduction* (abbreviated as “*SCR*”)
  - ii) Ships using exhaust gas recirculation systems:  
*Exhaust Gas Recirculation* (abbreviated as “*EGR*”)
  - iii) Ships using dual fuel engines:  
*Dual Fuel Engine* (abbreviated as “*DFE*”)
  - iv) Ships using gas-only engines:  
*Gas-only Engine* (abbreviated as “*GOE*”)
- (b) “*Sulphur Oxides*” (abbreviated as “*SO<sub>x</sub>*”) is to be affixed to the classification characters of ships provided with the following (1) and/or (2) that comply with the requirements related to sulphur content specified in -1 or -2 of **1.2.2, Part 8 of the Rules for Marine**

**Pollution Prevention Systems** or that are compliance methods at least equivalent to those complying with such requirements. The notations referred to in **i)** and **ii)** below are listed in parentheses after *SO<sub>x</sub>* according to the provided arrangement/system. Details of the fuel referred to in **i)** below as well as the purposes of machinery using the fuel referred to in **i)** below and machinery fitted with the systems referred to in **ii)** below are to be entered in the Classification Register as descriptive notes for the ship.

i) Arrangements for using the low-flashpoint fuel referred to in **2.2.1-28, Part GF of the Rules for the Survey and Construction of Steel Ships:**

*“Low-Flashpoint Fuel”* (abbreviated as *“LFF”*)

ii) Exhaust gas cleaning systems approved by the Administration as an alternative specified in **1.1.3, Part 8 of the Rules for Marine Pollution Prevention Systems:**

*“Exhaust Gas Cleaning System”* (abbreviated as *“EGCS”*)

**4** With respect to the notation specified in **3(1)(f)** above, the Society will delete relevant notation and notify the owner of a ship of such in cases where it has determined that ship facilities, equipment, systems and such are not being properly operated and maintained due to a change in the ownership of a ship based on a report received from an independent organisation or an individual that has a management contract with the owner of said ship, or a report from a Society surveyor stating that said ship has not passed a required survey, on the condition that the Society recognises the validity of such a report.

#### EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

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