

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part R

Fire Protection, Detection and Extinction

Guidance for the Survey and Construction of Steel Ships

Part R

2020 AMENDMENT NO.1

Notice No.26 30 June 2020

Resolved by Technical Committee on 22 January 2020

Notice No.26 30 June 2020

AMENDMENT TO THE GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Guidance for the survey and construction of steel ships” has been partly amended as follows:

Part R FIRE PROTECTION, DETECTION AND EXTINCTION

Amendment 1-1

R8 CONTROL OF SMOKE SPREAD

R8.2 Protection of Control Stations

Paragraph R8.2.1 has been amended as follows.

R8.2.1 Protection of Control Stations Outside Machinery Spaces

(-1 is omitted.)

2 The wording “where local closing arrangements would be equally effective” specified in **8.2.1, Part R of the Rules** means that fire dampers or smoke dampers which are easily closed within the control stations are provided in the ventilation system so that smoke would not be drawn into such a control station in case of fire, and further, any openings, where provided, can be easily and securely closed.

3 With respect to the requirement of -2 above, smoke dampers are to be accordance with (1) and (2) below:

(1) Smoke dampers are to be constructed of steel or other equivalent materials.

(2) Smoke prevention performance is to be verified by manufacturers, etc., and related documents regarding smoke prevention performance are to be submitted to the Society.

EFFECTIVE DATE AND APPLICATION (Amendment 1-1)

- 1.** The effective date of the amendments is 30 June 2020.

R18 HELICOPTER FACILITIES

R18.5 Fire-fighting

R18.5.1 Fire-fighting Appliances

Sub-paragraph -6 has been added as follows.

6 In cases where the pumps used for the foam fire-extinguish system required by **18.5.1(3)** or **(6), Part R of the Rules** are also used as main fire pumps, operation of a foam fire-extinguish system at its required output is to permit the simultaneous use of the minimum required number of jets of water at the required pressure from the fire main.

EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

- 1.** The effective date of the amendments is 30 June 2020.
- 2.** Notwithstanding the amendments to the Guidance, the current requirements apply to ships for which the date of contract for construction is before the effective date.

R10 FIRE FIGHTING

Section R10.10 has been added as follows.

R10.10 Fire-fighter's Outfits

R10.10.4 Fire-fighter's Communication

1 With respect to the provisions of **10.10.4, Part R of the Rules**, such “two-way portable radiotelephone apparatus” are to comply with following **(1)** and **(2)**:

(1) To be of certified safe type suitable for use in zone 1 hazardous areas, as defined in *IEC Publication 60079*.

(2) The minimum requirements in respect to the apparatus group and the temperature class of those are to be consistent with the most restrictive requirements for the hazardous area zone on board which is accessible to a fire party.

2 New, additional or replaced two-way portable radiotelephone apparatus for fire-fighter communication installed on or after 1 July 2020 on board ships for which the date of contract for construction is before 1 July 2020, those are to comply with **-1**.

EFFECTIVE DATE AND APPLICATION (Amendment 1-3)

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

R10 FIRE FIGHTING

R10.7 Fire-extinguishing Arrangements in Cargo Spaces

R10.7.1 Fixed Fire-extinguishing Systems for General Cargo

Sub-paragraph -5 has been amended as follows.

5 Vegetable oil, latex and molasses are regarded as “cargoes which constitute a low fire risk” referred in **10.7.1-2, Part R of the Rules**. For other cargoes carried in bulk, reference is to be made to the “*International Maritime Solid Bulk Cargoes (IMSBC) Code, appendix 1, entry for coal*” (as amended) and the “*Lists of solid bulk cargoes for which a fixed gas fire-extinguishing system may be exempted or for which a fixed gas fire-extinguishing system is ineffective*” (MSC.1/Circ.1395/Rev.~~3~~4).

R10.7.2 Fixed Fire-extinguishing Systems for Dangerous Goods

Sub-paragraph -2 has been amended as follows.

2 With respect to the requirements of **10.7.2, Part R of the Rules**, a means of water supply complying with the requirements of **19.3.1-2, Part R of the Rules** may be considered as a “fire-extinguishing system which gives equivalent protection” specified in **10.7.2, Part R of the Rules** for the cargoes listed in Table 2 of MSC.1/Circ.1395/Rev.~~3~~4.

EFFECTIVE DATE AND APPLICATION (Amendment 1-4)

- 1.** The effective date of the amendments is 1 January 2021.