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# **RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS**

**RULES**

**Part S**

**Ships Carrying Dangerous Chemicals  
in Bulk**

**2017          AMENDMENT NO.1**

Rule No.29          1st June 2017

Resolved by Technical Committee on 30th January 2017

Approved by Board of Directors on 20th February 2017

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

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

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

**Part S SHIPS CARRYING DANGEROUS CHEMICALS IN BULK**

**Chapter 3 SHIP ARRANGEMENTS**

**3.1 Cargo Segregation (IBC Code 3.1)**

Paragraph 3.1.5 has been added as follows.

**3.1.5 Location of Fuel Tanks\***

In cases where fuel tanks are located in the cargo area of ships carrying cargoes having a flashpoint not exceeding 60°C or ships carrying toxic cargoes, the following (1) to (6) are to apply:

- (1) Fuel tanks located with a common boundary to cargo tanks are not to be situated within the cargo tank block. Such tanks may, however, be situated at the forward and aft ends of the cargo tank block instead of cofferdams.
- (2) Fuel tanks are to extend neither fully nor partly into cargo or slop tanks. They may, however, be accepted when located as independent tanks on open deck in the cargo area subject to spill and fire safety considerations.
- (3) Fuel tanks are not permitted to extend into the protective area of cargo tanks required by **Chapter 2** of this Part.
- (4) Due attention is to be paid to restrictions on cargoes that can be located adjacent to fuel tanks.
- (5) The arrangement of independent fuel tanks and associated fuel piping systems, including the pumps, can be as for fuel tanks and associated fuel piping systems located in the machinery spaces.
- (6) For electrical equipment, the requirements to hazardous area classification specified in **Part H** are to be taken into account.

**EFFECTIVE DATE AND APPLICATION**

- 1.** The effective date of the amendments is 1 July 2017.
- 2.** Notwithstanding the amendments to the Rules, the current requirements apply to ships other than those for which the application for Classification Survey during Construction or the application for examinations of altered parts is dated on or after the effective date.

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# **GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS**

**Part S**

**Ships Carrying Dangerous Chemicals  
in Bulk**

**GUIDANCE**

**2017 AMENDMENT NO.1**

Notice No.27      1st June 2017

Resolved by Technical Committee on 30th January 2017

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 S SHIPS CARRYING DANGEROUS CHEMICALS IN BULK**

**S3 SHIP ARRANGEMENTS**

**S3.1 Cargo Segregation**

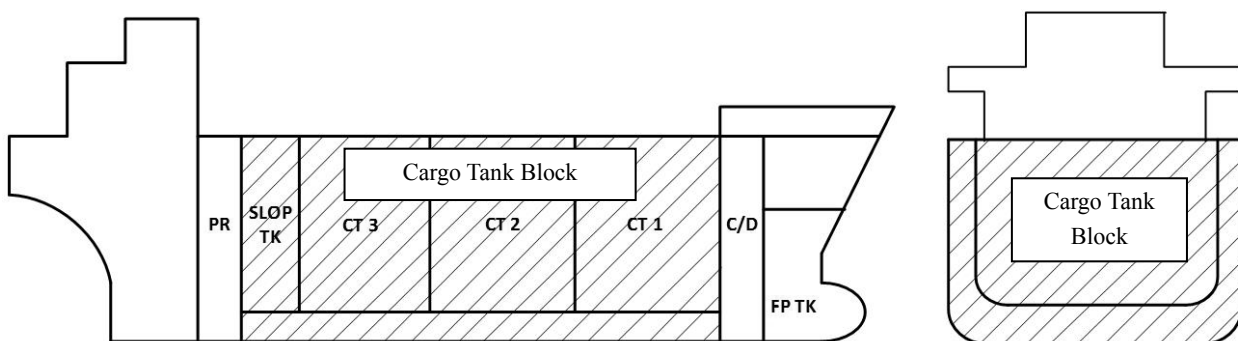
Paragraph S3.1.5 has been added as follows.

**S3.1.5 Location of Fuel Tanks**

The “cargo tank block” referred to in 3.1.5(1), Part S of the Rules means the part of the ship extending from the aft bulkhead of the aftermost cargo or slop tank to the forward bulkhead of the forward most cargo or slop tank, extending to the full depth and beam of the ship, but not including the area above the deck of the cargo or slop tank (refer to Fig. S3.1.5-1).

Fig. S3.1.5-1 has been added as follows.

Fig. S3.1.5-1 Example of Cargo Tank Block



SLOP TK : Slop tank  
CT1/2/3 : NO.1/2/3 Cargo tank  
PR : Cargo pump room  
C/D : Cofferdam  
FP TK : Forepeak tank

## **S11 FIRE PROTECTION AND FIRE EXTINCTION**

### **S11.1 General**

Paragraph S11.1.1 has been amended as follows.

#### **S11.1.1 Application**

**1** Even in cases where the “alternative and supplementary arrangements” referred to in **11.1.1, Part S of the Rules** are provided, **4.5.1-8, Part R of the Rules** applies to the oil tankers defined in **2.1.1(6), Part 1 of the Rules for Marine Pollution Prevention Systems**.

**2** The ships, which are other than ships exclusively engaged in the carriage of the cargo exempted the application of the requirements for tankers in **Part R** of the Rules (except **10.2.1-4(4)** and **10.10.2-2**) and **Chapter 14, Part D** of the Rules in according to **11.1.2, Part S of the Rules**, are to be comply with the requirements for tankers in **Part R of the Rules** (except **4.5.1-2**) and **Chapter 14, Part D of the Rules**.

### **EFFECTIVE DATE AND APPLICATION**

- 1.** The effective date of the amendments is 1 July 2017.
- 2.** Notwithstanding the amendments to the Guidance, the current requirements apply to ships other than those for which the application for Classification Survey during Construction or the application for examinations of altered parts is dated on or after the effective date.