
RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

RULES

Part S

**Ships Carrying Dangerous Chemicals
in Bulk**

2019 AMENDMENT NO.1

Rule No.39 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.

Rule No.39 14 June 2019

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

Amendment 1-1

Chapter 10 ELECTRICAL INSTALLATIONS

Title of Section 10.2 has been amended as follows.

10.2 Bonding (Related to IBC Code 10.2)

Paragraph 10.2.1 has been amended as follows.

10.2.1 Bonding*

1 Independent cargo tanks are to be electrically bonded to the hull. All gasketed cargo pipe joints and hose connections are to be electrically bonded.

2 In addition to -1 above, cargo tanks and cargo piping systems are to comply with the requirements specified in 14.2.2-7, Part D of the Rules (in this case the term “cargo oil” is to be read as “cargo”).

EFFECTIVE DATE AND APPLICATION (Amendment 1-1)

1. The effective date of the amendments is 14 June 2019.
2. Notwithstanding the amendments to the Rules, the current requirements apply to ships other than ships for which the application for Classification Survey during Construction is submitted to the Society on or after the effective date.

Chapter 3 SHIP ARRANGEMENTS

3.1 Cargo Segregation (IBC Code 3.1)

Paragraph 3.1.5 has been amended 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)~~(5) are to apply. The “cargo tank block” referred to in the following (1) and (2) means the part of the ship extending from the aft bulkhead of the aft most 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.

- (1) Fuel tanks located with a common boundary to cargo or slop tanks are not to be situated within nor extend partly into the cargo tank block.
- (2) ~~Such~~ Fuel tanks specified in (1) above may, ~~however,~~ be situated ~~at the forward and aft ends aft and/or forward~~ of the cargo tank block ~~instead of cofferdams~~.
- ~~(23)~~ 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.~~
- ~~(54)~~ 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.
- ~~(65)~~ For electrical equipment, the requirements to hazardous area classification specified in Part H are to be ~~taken into account~~ met.

EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

1. The effective date of the amendments is 1 July 2019.
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 on arrangement of fuel tanks is dated on or after the effective date.

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part S

**Ships Carrying Dangerous Chemicals
in Bulk**

GUIDANCE

2019 AMENDMENT NO.1

Notice No.26 14 June 2019

Resolved by Technical Committee on 30 January 2019

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 amended as follows.

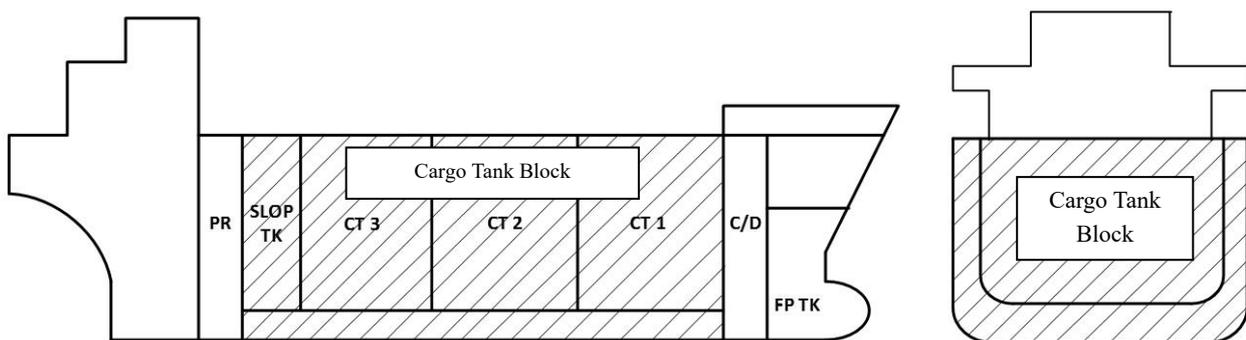
S3.1.5 Location of Fuel Tanks

1 The requirements specified in 3.1.5, Part S of the Rules do not permit the placing of fuel tanks adjacent to cargo tanks intended to carry cargoes which are prohibited to be loaded adjacent to fuel tanks by requirements elsewhere in this Part.

2 The “toxic cargoes” referred to in 3.1.5, Part S of the Rules include those for which toxic vapour detection is specified in column “k” of Table S17.1, Part S of the Rules.

3 An example of the “cargo tank block” referred to in 3.1.5(4), 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 is shown in Fig. S3.1.5-1).

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

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2019.
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 on arrangement of fuel tanks is dated on or after the effective date.