
RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part K

Materials

RULES

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 K MATERIALS

Chapter 3 ROLLED STEELS

3.1 Rolled Steels for Hull

3.1.8 Verification of Dimensions*

Sub-paragraph -6 has been added as follows.

6 In accordance with the requirements in 1.3.4-1, Rules for Cargo Handling Appliances, where extremely thick steel plates are used and where it is deemed by Society to be impracticable to comply with the requirements in -1 to -5 above, a treatment different from that specified in said requirements may be accepted.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2019.
2. Notwithstanding the amendments to the Rules, the current requirements apply to steels being used on ships for which the date of contract for construction* is before 1 July 2019.
* “contract for construction” is defined in the latest version of IACS Procedural Requirement (PR) No.29.

IACS PR No.29 (Rev.0, July 2009)

1. The date of “contract for construction” of a vessel is the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. This date and the construction numbers (i.e. hull numbers) of all the vessels included in the contract are to be declared to the classification society by the party applying for the assignment of class to a newbuilding.
2. The date of “contract for construction” of a series of vessels, including specified optional vessels for which the option is ultimately exercised, is the date on which the contract to build the series is signed between the prospective owner and the shipbuilder. For the purpose of this Procedural Requirement, vessels built under a single contract for construction are considered a “series of vessels” if they are built to the same approved plans for classification purposes. However, vessels within a series may have design alterations from the original design provided:
 - (1) such alterations do not affect matters related to classification, or
 - (2) If the alterations are subject to classification requirements, these alterations are to comply with the classification requirements in effect on the date on which the alterations are contracted between the prospective owner and the shipbuilder or, in the absence of the alteration contract, comply with the classification requirements in effect on the date on which the alterations are submitted to the Society for approval.The optional vessels will be considered part of the same series of vessels if the option is exercised not later than 1 year after the contract to build the series was signed.
3. If a contract for construction is later amended to include additional vessels or additional options, the date of “contract for construction” for such vessels is the date on which the amendment to the contract, is signed between the prospective owner and the shipbuilder. The amendment to the contract is to be considered as a “new contract” to which **1.** and **2.** above apply.
4. If a contract for construction is amended to change the ship type, the date of “contract for construction” of this modified vessel, or vessels, is the date on which revised contract or new contract is signed between the Owner, or Owners, and the shipbuilder.

Note:

This Procedural Requirement applies from 1 July 2009.

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part K

Materials

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 K MATERIALS

K3 ROLLED STEELS

K3.1 Rolled Steels for Hull

K3.1.8 Verification of Dimensions

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

The treatment of the requirements in **3.1.8, Part K of the Rules** is to be as follows:

((1) and (2) are omitted.)

- (3) “When deemed appropriate by the Society” specified in **3.1.8-5, Part K of the Rules**, means that plates comply with requirements for Class C of *ISO 7452:2013, as amended, or national/international standards as deemed appropriate by the Society. ~~If Class C of ISO 7452 is applied, the portion of the footnote of ISO 7452, Table 2, which reads “Also a minus side of thickness of 0.3 mm is permitted.” is not to be applied. Additionally, if ISO 7452 is applied~~In such cases, it is required that the steel mill demonstrate to the satisfaction of the Society that the number of measurements and measurement distribution is appropriate to establish that the mother plates produced are at or above the specified nominal thickness.*

K3.9 Stainless Clad Steel Plates

K3.9.9 Surface Inspection and Verification of Dimension

Sub-paragraph -1 has been amended as follows.

1 The wording “to the discretion of the Society” specified in **3.9.9-2, Part K of the Rules** means the following **(1) to (3)**.

- (1) The minus tolerance for the nominal thickness of the plate is to be 0.3 mm or less.
- (2) The minus tolerance for the nominal thickness of the cladding metal is to be 10% or less of this thickness, but is not to exceed 0.25 mm.
- (3) The minus tolerance for the nominal thickness of the base metal is to be 0.3 mm or less. However, ~~application of this requirement is to be limited to cases~~ minus tolerances need not be considered in cases where the minimum proof stress and tensile strength of the cladding metal are respectively ~~lower~~ higher than both the minimum yield point or proof stress and the minimum tensile strength of the base metal.

EFFECTIVE DATE AND APPLICATION

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2. Notwithstanding the amendments to the Guidance, the current requirements apply to steels being used on ships for which the date of contract for construction* is before 1 July 2019.
* “contract for construction” is defined in the latest version of IACS Procedural Requirement (PR) No.29.

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 - (1) such alterations do not affect matters related to classification, or
 - (2) If the alterations are subject to classification requirements, these alterations are to comply with the classification requirements in effect on the date on which the alterations are contracted between the prospective owner and the shipbuilder or, in the absence of the alteration contract, comply with the classification requirements in effect on the date on which the alterations are submitted to the Society for approval.The optional vessels will be considered part of the same series of vessels if the option is exercised not later than 1 year after the contract to build the series was signed.
3. If a contract for construction is later amended to include additional vessels or additional options, the date of “contract for construction” for such vessels is the date on which the amendment to the contract, is signed between the prospective owner and the shipbuilder. The amendment to the contract is to be considered as a “new contract” to which **1.** and **2.** above apply.
4. If a contract for construction is amended to change the ship type, the date of “contract for construction” of this modified vessel, or vessels, is the date on which revised contract or new contract is signed between the Owner, or Owners, and the shipbuilder.

Note:

This Procedural Requirement applies from 1 July 2009.