

RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part H

Electrical Installations

Rules for the Survey and Construction of Steel Ships
Part H **2018 AMENDMENT NO.1**
Guidance for the Survey and Construction of Steel Ships
Part H **2018 AMENDMENT NO.1**

Rule No.100 / Notice No.52 29 June 2018
Resolved by Technical Committee on 31 January 2018

ClassNK
NIPPON KAIJI KYOKAI

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

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Electrical Installations

RULES

2018 AMENDMENT NO.1

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Rule No.100 29 June 2018

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 H ELECTRICAL INSTALLATIONS

Chapter 1 GENERAL

1.1 General

1.1.6 Drawings and Data*

Sub-paragraph (1) has been amended as follows.

The drawings and data to be submitted are as follows. In cases where the Society deems it to be necessary, the submission of drawings and data other than those specified below may be requested.

- (1) Drawings:
 - ((a) to (g) are omitted.)
 - (h) Sectional assembly drawings of windlass electric motors rated 100 kW and over, including their ratings, main dimensions, main materials used and weights
- (2) (Omitted)

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2018.
2. Notwithstanding the amendments to the Rules, the current requirements apply to windlasses for which the application for approval is submitted to the Society before the effective date and that are installed on ships for which the date of contract for construction* is before the effective date.
* “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.

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GUIDANCE

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Part H ELECTRICAL INSTALLATIONS

H1 GENELAL

H1.1 General

Paragraph H1.1.6 has been amended as follows.

H1.1.6 Drawings and Data

1 “Diagrams of wiring systems” specified in **1.1.6(1)(f), Part H of the Rules** are to be include the following information concerning electrical systems of the windlass, as applicable:

- (1) Cable specification and size
- (2) Motor controller
- (3) Protective device rating or setting

2 “Sectional assembly drawings” specified in **1.1.6(1)(h), Part H of the Rules** are to be include the information of associated gears.

~~3~~ (Omitted)

~~4~~ (Omitted)

~~5~~ (Omitted)

4 Data specified in ~~-24~~ and ~~-35~~ are to be submitted by the system integrator of the distribution system.

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