

# **RULES FOR AUTOMATIC AND REMOTE CONTROL SYSTEMS**

GUIDANCE FOR AUTOMATIC AND REMOTE CONTROL SYSTEMS

**Rules for Automatic and Remote Control Systems**

**2023 AMENDMENT NO.2**

**Guidance for Automatic and Remote Control Systems**

**2023 AMENDMENT NO.2**

Rule No.72 / Notice No.66      22 December 2023

Resolved by Technical Committee on 27 July 2023

**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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# **RULES FOR AUTOMATIC AND REMOTE CONTROL SYSTEMS**

**RULES**

## **2023 AMENDMENT NO.2**

Rule No.72      22 December 2023

Resolved by Technical Committee on 27 July 2023

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

“Rules for automatic and remote control systems” has been partly amended as follows:

## Chapter 1 GENERAL

### 1.2 System Design

#### 1.2.1 System Design\*

Sub-paragraph (2) has been amended as follows.

System design is to comply with the following requirements in addition to those specified in **18.2.1, Part D of the Rules for the Survey and Construction of Steel Ships**.

((1) is omitted.)

(2) Safety systems intended for those functions specified in **18.1.2(1410)(c), Part D of the Rules for the Survey and Construction of Steel Ships** are to be, in all cases, independent of the other systems.

((3) is omitted.)

### EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2024.
2. Notwithstanding the amendments to the Rules, the current requirements apply to 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 FOR AUTOMATIC AND REMOTE CONTROL SYSTEMS**

**GUIDANCE**

**2023 AMENDMENT NO.2**

Notice No.66      22 December 2023

Resolved by Technical Committee on 27 July 2023

Notice No.66 22 December 2023

## AMENDMENT TO THE GUIDANCE FOR AUTOMATIC AND REMOTE CONTROL SYSTEMS

“Guidance for automatic and remote control systems” has been partly amended as follows:

### **Chapter 2 SURVEYS OF AUTOMATIC AND REMOTE CONTROL SYSTEMS**

#### **2.2 Registration Surveys**

##### **2.2.1 Drawings and Data**

Sub-paragraph -2 has been amended as follows.

**2** In applying **2.2.1(1)(a)** and **(2)(a) of the Rules**, in cases where the automatic and remote control system includes computer based systems subject to **18.1.1-3, Part D of the Rules for the Survey and Construction of Steel Ships**, the drawings and data stipulated in ~~1.2, Annex 18.1.1 2.1.1, Part D~~**X of the Rules for the Survey and Construction of Steel Ships** are to be submitted. However, for computer based systems which have been already approved by the Society in accordance with **Chapter 8, Part 7 of the Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use**, only drawings and data on parts that differ from ship to ship need to be submitted; this, however, excludes those specified in ~~1.2(2)(a) of the said Annex~~**2.2.2-3, Part X of the Rules for the Survey and Construction of Steel Ships.**

## EFFECTIVE DATE AND APPLICATION

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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.  
\* “contract for construction” is defined in the latest version of IACS Procedural Requirement (PR) No.29.

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

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  - (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.
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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.