

RULES FOR AUTOMATIC AND REMOTE CONTROL SYSTEMS

Rules for Automatic and Remote Control Systems
2018 AMENDMENT NO.2

Rule No.103 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.

AMENDMENT TO THE RULES FOR AUTOMATIC AND REMOTE CONTROL SYSTEMS

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

Chapter 2 SURVEYS OF AUTOMATIC AND REMOTE CONTROL SYSTEMS

2.3 Registration Maintenance Surveys

2.3.2 Annual Surveys

Sub-paragraph -2 has been amended as follows.

1 During Annual Surveys of centralized monitoring and control systems for machinery, the following performance tests are to be carried out. In cases where appropriate records of daily checks and periodical maintenance have been kept, some of the tests may be dispensed with at Surveyor discretion.

- (1) Safety devices for main propulsion machinery and emergency stopping devices for main propulsion machinery fitted in remote control stations for main propulsion machinery or controllable pitch propellers
- (2) Safety devices for boilers
- (3) Safety devices for electric generating sets

2 During Annual Surveys of monitoring and control systems for periodically unattended machinery spaces, the following surveys (1) and (2) are to be carried out.

(1) The arrangements for periodically unattended machinery spaces are to be examined, and, in particular, the random testing of alarm, automatic and shutdown functions is to be carried out.

(2) The following performance tests are to be carried out. In cases where appropriate records of daily checks and periodical maintenance have been kept, some of these tests may be dispensed with at Surveyor discretion.

- ~~(a)~~ Safety devices for main propulsion machinery and emergency stopping devices for main propulsion machinery fitted in remote control stations for main propulsion machinery or controllable pitch propellers
- ~~(b)~~ Safety devices for boilers
- ~~(c)~~ Safety devices for electric generating sets
- ~~(d)~~ Communication systems specified in **4.3.2**

3 During Annual Surveys of specific automation equipment, general examinations are to be carried out. In cases where considered necessary by Surveyors, performance tests of equipment may be required.

EFFECTIVE DATE AND APPLICATION

- 1.** The effective date of the amendments is 29 June 2018.
- 2.** Notwithstanding the amendments to the Rules, the current requirements apply to the surveys for which the application is submitted to the Society before the effective date.