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# **RULES FOR INTEGRATED FIRE CONTROL SYSTEMS**

**RULES**

**2020 AMENDMENT NO.1**

Rule No.59      30 June 2020

Resolved by Technical Committee on 22 January 2020

“Rules for integrated fire control systems” has been partly amended as follows:

Amendment 1-1

## Chapter 2 SURVEYS

### 2.1 General

#### 2.1.2 Time of Registration Survey and Intervals of Registration Maintenance Surveys

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

- (2) Registration Maintenance Surveys are to be carried out at the following intervals:  
(a) to (d) are omitted.)  
(e) The classed ships may be subject to Unscheduled Surveys when the confirmation of the status of systems by survey is deemed necessary in cases where the Society ~~suspects systems of not being in continued compliance with the Rules and Regulations of the Society, and of not being properly maintained and operated by the ship owner~~ considers the systems to be subject to **1.4-3 of the CONDITIONS OF SERVICE FOR CLASSIFICATION OF SHIPS AND REGISTRATION OF INSTALLATIONS.**

#### EFFECTIVE DATE AND APPLICATION (Amendment 1-1)

1. The effective date of the amendments is 30 June 2020.

## Chapter 1 GENERAL

### 1.1 General

#### 1.1.6 Definitions

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

Terms used in the Rules are defined in the following (1) to (3) in addition to those terms defined in **Part R of Rules for the Survey and Construction of Steel Ships** (hereinafter referred to as “the Rules for Steel Ships”).

((1) is omitted.)

(2) Fire risk objects are those piping systems and equipment, listed in the following (a) to (i), which contain flammable oils and represent a particular danger in case of fire.

- (a) Flammable oil pipes including their joints attached to ~~diesel~~ reciprocating internal combustion engines
- (b) Joints in flammable oil pipes
- (c) Flammable oil pumps
- (d) Flammable oil strainers
- (e) Heat exchangers for flammable oil
- (f) Flammable oil purifiers and clarifiers
- (g) Fuel oil burning units for boilers, thermal oil heaters, inert gas generators and incinerators
- (h) Level gauges, fittings and oil trays for flammable oil tanks
- (i) Sounding pipe heads for double bottom fuel oil tanks

((3) is omitted.)

## Chapter 4 INTEGRATED FIRE CONTROL SYSTEMS - MACHINERY SPACES OF CATEGORY A

### 4.2 Fixed Fire Detection and Fire Alarm Systems

#### 4.2.1 General

Sub-paragraphs -2(2) and (3) have been amended as follows.

2 Fixed fire detection and fire alarm systems required by -1 above are to be capable of denoting sections in which of the following (1) to (9) subdivision units that detectors have been activated.

- (1) Enclosed spaces such as machinery control rooms
- (2) Spaces above ~~main diesel~~ reciprocating internal combustion engines used as main propulsion machinery
- (3) Spaces in the vicinity of reciprocating internal combustion engines driving generators ~~diesel engines~~
- (4) Spaces in the vicinity of boilers

- (5) Spaces in the vicinity of thermal oil heaters
- (6) Spaces in the vicinity of inert gas generators
- (7) Spaces in the vicinity of flammable oil purifiers
- (8) Spaces in the vicinity of main switchboards
- (9) Any other spaces deemed necessary by the Society

## **4.5 TV Monitoring Systems**

### **4.5.1 TV Monitoring Systems**

Sub-paragraphs (1) to (3) have been amended as follows.

In order to confirm any fire detected and alarms activated by fixed fire detection and fire alarm systems and all speedy fire-fighting responses at the early stage of any fire, TV monitoring systems capable of monitoring images of those spaces listed in the following (1) to (9) located within machinery spaces of category A are to be provided in integrated fire control stations.

- (1) Spaces in the vicinity of fuel oil injection pipes of ~~diesel~~ reciprocating internal combustion engines
- (2) Spaces in the vicinity of exhaust pipes of ~~diesel~~ reciprocating internal combustion engines
- (3) Spaces in the vicinity of turbochargers of ~~diesel~~ reciprocating internal combustion engines
- (4) Spaces in the vicinity of boiler burning units
- (5) Spaces in the vicinity of thermal oil heater burning units
- (6) Spaces in the vicinity of inert gas generator burning units
- (7) Spaces in the vicinity of flammable oil purifiers
- (8) Spaces in the vicinity of main switchboards
- (9) Any other spaces deemed necessary by the Society

## **4.6 Fixed Local Fire-extinguishing Systems**

### **4.6.1 General**

Sub-paragraphs -3(1) and (2) have been amended as follows.

**3** Fixed local fire extinguishing systems are to be fixed installations and are to be effective for fighting fires in those spaces listed in the following (1) to (8):

- (1) Spaces in the vicinity of exhaust pipes of ~~diesel~~ reciprocating internal combustion engines
- (2) Spaces in the vicinity of turbochargers of ~~diesel~~ reciprocating internal combustion engines
- (3) Spaces in the vicinity of boiler burning units
- (4) Spaces in the vicinity of thermal oil heater burning units
- (5) Spaces in the vicinity of inert gas generator burning units
- (6) Spaces in the vicinity of incinerator burning units
- (7) Spaces in the vicinity of flammable oil purifiers
- (8) Any other spaces deemed necessary by the Society

## EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

1. The effective date of the amendments is 1 July 2020.
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.