

# **Fire Detection and Alarm Systems for Ships Using Low-Flashpoint Fuels**

## **Amended Rules**

Rules for the Survey and Construction of Steel Ships Part GF

## **Reason for Amendment**

Fire safety requirements for ships using low-flashpoint fuels are specified in Chapter 11, Part GF of the Rules for the Survey and Construction of Steel Ships in line with IGF Code regulations.

The aforementioned requirements specify that fire detection and alarm systems complying with Chapter 29, Part R of Rules for the Survey and Construction of Steel Ships should be provided for fuel storage hold spaces, tank connection spaces, etc. Although such systems are required to be tested and certified either by the Society itself or by appropriate third parties in accordance with Chapter 29 of Part R, current requirements in Part GF are not clear on this point.

Therefore, relevant requirements are amended in order to clarify that such systems are to be of an approved type.

## **Outline of Amendment**

Add requirements for the approval of fire detection and alarm systems.

“Rules for the survey and construction of steel ships” has been partly amended as follows:

## **Part GF      SHIPS USING LOW-FLASHPOINT FUELS**

### **Chapter 11   FIRE SAFETY**

#### **11.7      Fire Detection and Alarm System (*IGF Code* 11.7)**

##### **11.7.1      General**

Sub-paragraph -3 has been added as follows.

- 1**      A fixed fire detection and fire alarm system complying with **Chapter 29, Part R** is to be provided for the fuel storage hold spaces and the ventilation trunk to the tank connection space and in the tank connection space, and for all other rooms of the fuel gas system where fire cannot be excluded.
- 2**      Smoke detectors alone are not to be considered sufficient for rapid detection of a fire.
- 3**      The system specified in -1 above is to be approved by the Society or an organization deemed appropriate by the Society.