

Installation of Alarms of Fixed Gas Fire-extinguishing Systems, etc.

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part R
Guidance for the Survey and Construction of Passenger Ships

Reason for Amendment

Chapter 5 of the Fire Safety Systems Code (FSS Code), containing specifications of fire-extinguishing systems, specifies requirements for fixed gas fire-extinguishing systems such that means are to be provided for automatically giving audible and visual warning of the release of fire-extinguishing media into any ro-ro spaces, container holds equipped with integral reefer containers, spaces accessible by doors or hatches, etc. In addition, Chapter 5 also specifies that conventional cargo spaces need not be provided with such alarms. Chapter 5, however, is not clear on whether cargo spaces accessible by doors or hatches are considered to be conventional cargo spaces and whether said spaces are to be provided with alarms.

Although Chapter 5 does specify requirements for fixed carbon dioxide fire-extinguishing systems such that two separate controls are to be provided for ensuring the activation of release alarms of in ro-ro spaces, container holds equipped with integral reefer containers, spaces accessible by doors or hatches, etc., it does not specify whether said controls also need to be provided in cases where conventional cargo spaces are being protected.

IACS, in consideration of the above, adopted IACS UI SC132(Rev.4) in November 2013. This revision not only clarifies the definition of conventional cargo spaces, it also clarifies which spaces protected by carbon dioxide fire-extinguishing systems require the provision of two separate controls.

Accordingly, all relevant requirements were amended based upon IACS UI SC132(Rev.4).

Outline of Amendment

- (1) Specified that “conventional cargo spaces” means cargo spaces other than ro-ro spaces or container holds equipped with integral reefer containers.
- (2) Specified that two separate controls for ensuring the activation of alarms of fixed carbon dioxide fire-extinguishing systems are to be provided for fixed carbon dioxide fire-extinguishing systems for the spaces which are required to be provided with means for automatically giving audible and visual warning of the release of the fire-extinguishing media.