

Fixed Fire-Extinguishing Systems Protecting Different Areas

Amended Rules and Guidance

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

Reason for Amendment

Since ships are required to be equipped with multiple fixed fire-extinguishing systems protecting comparatively small areas such as fixed local application fire-extinguishing systems for machinery spaces of category A, fire-extinguishing systems for deep-fat cooking equipment, sprinkler systems for accommodation spaces, fire-extinguishing systems for cabin balconies on passenger ships, there have been cases that a pump system is commonly served for fire-extinguishing systems for the protection of different areas. However, although appropriate requirements are provided for an independent system, any requirement is not prepared for the above mentioned cases.

Therefore, IACS developed the Unified Interpretation (UI) SC216, as a safety measure to prevent that a damage or a failure of any one fire-extinguishing system will result in a failure of function of other fire-extinguishing systems.

Accordingly, relevant requirements were amended in accordance with UI SC216.

Outline of Amendment

Necessary measures for ensuring functions of fire-extinguishing systems were specified for cases when a pump system is commonly served for fixed water-based fire-extinguishing systems for the protection of different areas.