

Power Supply Sources for Fixed Fire Detection and Fire Alarm Systems

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part R

Reason for Amendment

Because the necessary requirements for the emergency power sources of fixed fire detection and fire alarm systems are not specified by the SOLAS Convention, manufacturers have been designing such systems, according to various specifications, to use built-in storage batteries as emergency power sources. Therefore, from the viewpoint of ensuring safety, IACS adopted Unified Interpretation (UI) SC 35 in September 2009 in order to clarify the design of the emergency power sources of such systems.

Accordingly, all relevant requirements are amended in accordance with IACS UI SC35.

Outline of Amendment

- (1) Requirements related to fixed fire detection and fire alarm systems are provided.
- (2) Requirements related to emergency power sources which are supplied by batteries are provided.
- (3) Requirements for supply cable arrangements in cases where the emergency power sources are supplied by emergency switchboards are provided