

The Safety Devices for Diesel Engines etc.

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part D
Guidance for the Survey and Construction of Steel Ships Part D
Rules for the automatic and remote control
Guidance for the automatic and remote control

Reason for Amendment

1. According to SOLAS Chapter II-1, the installation of a Diesel Engine Oil Mist Detector (OMD) is only required for those diesel engines installed on ships which have monitoring and control systems for periodically unmanned machinery spaces.

However, since OMDs have proven to be an effective way to prevent diesel engine explosion related accidents, IACS amended Unified Requirement (UR) M10 to require all ships equipped with diesel engines and not only those mentioned above to install OMDs.

Accordingly, all relevant requirements have been amended in accordance with the above changes made to the IACS Unified Requirements and Unified Interpretations.

2. In response to the latest technology of Electronically-Controlled Diesel Engines, IACS amended Unified Requirements (UR) M35 and M36 concerning the safety protection devices for diesel engines installed on ships which have monitoring and control systems for periodically unmanned machinery spaces.

Accordingly, all relevant requirements have been amended in accordance with the changes made to the above IACS Unified Requirements.

Outline of Amendment

- (1) Requirements are specified to install OMDs or alternative arrangements onto diesel engines installed on ships which do not have centralized monitoring and control systems for machinery, monitoring and control systems for periodically unmanned machinery spaces or specific automation equipment (Hereafter, such systems and equipment are referred to as “automation equipment”).
- (2) Requirements are specified to provide low pressure alarms for common fuel oil accumulators and common servo oil accumulators to Electronically-Controlled Diesel Engines installed on ships which have automation equipment.