

IGC Code (Electrical Installations)

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts B, H and N
Guidance for the Survey and Construction of Steel Ships Parts H and N

Reason for Amendment

Although various parts of the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk, the IGC Code, have been reviewed and revised over the years since the code was adopted in 1983, the entire code itself has never undergone a comprehensive review. The IMO, therefore, decided to carry out such a review in order to take into account the latest technology advancements and to increase the safety of the structures and equipment used on ships. As a result, amendments to the Code were adopted as resolution MSC.370(93) at the 93rd Session of the IMO Maritime Safety Committee (MSC93) held in May 2014.

Therefore, requirements related to electrical installations for ships carrying liquefied gases in bulk are amended in accordance with the resolution MSC.370(93).

Outline of Amendment

- (1) Specified the definition of hazardous areas and non-hazardous areas.
- (2) Specified that failure modes and effects are to be analyzed and documented subject to electrical generation and distribution systems, and associated control systems.
- (3) Added the documents mentioned in (2) above to the documents to be submitted for reference.
- (4) Specified that the lighting system in hazardous areas is to be divided between at least two branch circuits.
- (5) Specified that electrical depth sounding or log devices and impressed current cathodic protection system anodes or electrodes are to be housed in gastight enclosures.
- (6) Specified the requirements related to submerged Cargo Pump Motors.