

Unified Interpretations for IGC Code

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part N

Reasons for Amendment

The IGC Code (The International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk) was thoroughly amended by Resolution MSC.370(93) in May 2014 and these amendments have already been incorporated into the ClassNK Rules.

IACS reviewed the requirements of the revised IGC Code that needed to be clarified. As a result, IACS established several draft UIs and submitted them to the 6th session of the IMO Sub-Committee on Carriage of Cargoes and Containers (CCC6). As a result of the CCC6 discussions, the draft UIs were agreed upon by the Sub-Committee with only some partial amendments being made and approved as an MSC.1/Circ.1625 at the 102nd session of the IMO Maritime Safety Committee (MSC102).

Accordingly, relevant requirements were amended in accordance with the MSC Circular.

Outline of Amendment

- (1) Specified the design pressure and test pressure of outer pipe and duct of gas fuel systems.
- (2) Specified that requirements for cargo sampling connections do not apply to connections used for controlling the atmosphere in cargo tanks.
- (3) Specified that a means to indicate that filters are becoming blocked is not required in cases where portable filters for fitting without dedicated filter housings are used.
- (4) Specified that oxygen sensors are to be provided any spaces containing inert gas systems irrespective of the kind of cargo being carried.
- (5) Specified that a detailed evaluation regarding the hazard potential of overpressure is to be carried out for gas-fired internal combustion engines in cases where a suitable pressure relief system for air inlet manifolds, etc. is not provided.
- (6) Specified that a hardware system, such as an interlocking device, is to be provided to prevent the inadvertent operation of cargo pumps and manifold ESD valves in cases where arrangements are provided for overriding overflow control systems.

Amended Requirements

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Part N: N5.4.4, N5.6.5, N5.6.6, N5.13.2, N13.6.4, N16.7.1, N18.3.1, N18.4.8