

# Unified Interpretations for IGC Code

## Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part N

## Reason for Amendment

A comprehensive amendment of the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (the IGC Code) was adopted as Resolution MSC.370(93) at the 93<sup>rd</sup> Session of the IMO Maritime Safety Committee (MSC93) in May 2014. This amendment has already been incorporated into the ClassNK Rules.

In the intervening years since the revised code was adopted, however, it had been pointed out that the application of some of its requirements, particularly those related to fire safety systems and furniture, were unclear. IACS in response adopted Unified Interpretations (UI) GC22, GC23, GC24 and GC25 in April and July 2018 to help clarify matters. The IACS UIs were then discussed by the IMO's Sub-Committee on Carriage of Cargoes and Containers at its 5<sup>th</sup> session (CCC5) in September 2018, which accepted UIs GC22, GC23 and GC24, subject to some modifications being made.

Accordingly, relevant requirements were amended in accordance with IACS UIs GC22, GC23 and GC24.

## Outline of Amendment

The main contents of this amendment are as follows:

- (1) Clarified that any duplication of system components (e.g. heaters) is, in principle, required to satisfy redundancy requirements for heating systems used to protect hull structures.
- (2) Specified that emergency shutdown valves made out of materials having melting temperatures lower than 925°C do not include emergency relief valves for which only components not contributing to the shell tightness of the valve are made out of materials having melting temperatures lower than 925°C.
- (3) Clarified that liferafts stowed at the forward or aft parts of a ship facing cargo areas are to be protected by water spray systems.
- (4) Clarified that the wording “any two complete athwartship tank groupings” for tank groupings required to be protected by water spray pumps as it pertains to determining pump capacity.

## Amended Requirements

Guidance for the Survey and Construction of Steel Ships  
Part N: N4.19.1, N5.13.1, N11.3.1, N11.3.3, Annex 1 5.3.1