

# **The Approval Test on Cargo and Process Piping of Ships Carrying Liquefied Gases in Bulk**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part N

## **Reason for Amendment**

In order to make clearer the requirements regarding the approval tests of valves and cargo pumps used in the cargo and process piping of ships carrying liquefied gases in bulk, IACS adopted Unified Requirements G3(Rev.3) in December 2008.

Accordingly, the relevant requirements have been amended in accordance with IACS Unified Requirements G3 (Rev.3).

## **Outline of Amendment**

- (1) Relevant requirements have been amended in it is renewed that the type test is newly added as a cargo pump test in addition to the product inspection.
- (2) The relevant requirements have been amended to require Approval Tests of all valves which are used for cargo and process piping.
- (3) The relevant requirements have been amended to require Air Tightness Tests for valves and Leakage Verification Tests for valve seats be conducted at 1.1 times design pressure.