

# **Approval of Use of Air Pipe Automatic Closing Devices**

## **Amended Guidance**

Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

## **Reason for Amendment**

Air pipe automatic closing devices fitted onto upper decks are required to securely close at times of flooding and the approval requirements (e.g., water tightness tests, etc.) for these devices are specified by IACS in Unified Requirement (UR) P3.

Although the water tightness tests specified in UR P3 state that such testing is to be conducted at an incline, the direction of the test sample, etc. in said tests is not clearly specified. Since there are many asymmetrical shaped closing devices which have an opening provided in only one direction, the direction of this opening can greatly affect the results of water tightness tests. Therefore, IACS reviewed UR P3 and amended the test requirements to specify that water tightness tests are to be performed so that the direction of the opening creates the strictest water tightness conditions for the closing device being tested. This amendment was adopted as UR P3(Rev.3) in December 2012.

Accordingly, relevant requirements were amended in accordance with IACS UR P3(Rev.3).

## **Outline of Amendment**

- (1) Specified the opening directions of air pipe automatic closing devices for water tightness tests.
- (2) Added discharge / reverse flow tests to the requirements for the approval of use.