

Unified Interpretation for Watertight Doors

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts C, and CS
Rules for the Survey and Construction of Passenger Ship
Guidance for the Survey and Construction of Steel Ships Parts C, and CS
Guidance for the Survey and Construction of Passenger Ships

Reason for Amendment

IACS developed Unified Interpretation (UI) SC156 in 2002 to provide specifications for watertight doors, including the open and close indicators as well as the alarms required by Chapter II-1 of SOLAS. This UI has already been incorporated into the NK Rules up to its latest version UI SC 156(Rev.1).

The contents of this UI were also incorporated by the IMO into MSC.1/Circ.1572. A revision of was, however, agreed to at the 7th Session of the IMO Ship Design and Construction Sub-Committee (SDC 7) and subsequently approved as MSC.1/Circ.1572/Rev.1 at the 102nd Session of the IMO Maritime Safety Committee (MSC 102). In response to this, IACS has decided to update and adopt IACS UI SC 156(Rev.2) to incorporate the changes made by MSC.1/Circ.1572/Rev.1 as well as requirements for hinged-watertight doors originally in the circular.

Accordingly, relevant requirements of Rules were amended based upon MSC.1/Circ.1572/Rev.1 and IACS UI SC156 (Rev.2).

Outline of Amendment

- (1) Deleted the definition “Normally Open” as a mode used to describe the frequency of use of doors.
- (2) Amended the definition “Used” as a mode used to describe the frequency of use of doors.
- (3) Amended the requirement for doors operations related to the alarms used to monitor the loss of stored energy in hydraulic accumulators.
- (4) Added specifications for the locations of alarms used to indicate failures of the normal power supply.
- (5) Amended requirements for watertight door fire ratings for doors fitted above the bulkhead decks of passenger ships.
- (6) Amended requirements for hinged watertight doors to specify that they are to be of a single-action type.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part C: 13.3.6
Part CS: 13.3.10
Rules for the Survey and Construction of Passenger Ships
Part 3: 6.4.3, Table 3.6.1, 6.4.4
Guidance for the Survey and Construction of Steel Ships
Part C: Table C4.3.1-1, Table C4.3.1-2, C13.3.1, C13.3.6
Part CS: CS13.3
Guidance for the Survey and Construction of Passenger Ships
Part 3: 6.4.1

Annex 7-1: Table 7-1-A1