

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, N, S, and R
Guidance for Marine Pollution Prevention Systems
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 or close indicators and alarms required by Chapter II-1 of SOLAS. This UI has already been incorporated into the NK Rules.

The SOLAS regulations relevant to this UI have, however, been amended a number of times since it was adopted in 2002, which means there was a need to review the UI in order to bring it in line with the latest versions of these regulations. IACS has, therefore, amended the UI, taking into account IMO regulatory instruments other than SOLAS such as the International Convention on Load Lines and MARPOL, with a view to making the UI more comprehensive and user-friendly with respect to requirements for internal/external openings of ships.

Accordingly, relevant requirements of Rules were amended in accordance with IACS UI SC156 (Rev.1).

Outline of Amendment

- (1) Amended requirements for indicators showing whether the doors are open or closed, and requirements for the locations of alarm devices for watertight doors.
- (2) Amended Table C4.3.1 upon a review of the requirements for closing devices for watertight doors based upon their positions relative to the bulkhead or freeboard deck, and to make references to the requirements for the devices of internal/external openings easier to understand.
- (3) Prescribed for watertight doors also serving as fire doors that a combination of indications on the bridge showing whether the doors are open or closed and notices near the doors stating “To be kept closed at sea” can be treated as alternative means to self-closing.
- (4) Deleted redundant requirements found in different chapters of Part C so as to improve usability.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part C: 4.3.1, 13.3.5, 33.2.1, 33.2.2
Part CS: 4.3.1, 13.3.5
Rules for the Survey and Construction of Passenger Ships
Part 3 7.1.1
Guidance for the Survey and Construction of Steel Ships
Part C: C4.3.1, C4.3.2, Table C4.3.1, C13.3.1, C13.3.5, C13.3.6, C33.2.1, C33.2.2
Part N: N2.5.8, N2.7.1

Part S: S2.7.8, S2.9.2

Part R: R9.4.4

Guidance for Marine Pollution Prevention Systems

Part 3 3.2.2

Guidance for the Survey and Construction of Passenger Ships

Part 3 6.4.1, 7.3, Annex 7-1 Table 7-1-A1