

Hatchways for Ships other than Bulk Carriers, Ore Carriers and Combination Carriers

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts C and CS
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Reason for Amendment

In May 2011, IACS established IACS Unified Requirement (UR) S21A so that the structural requirements for the hatchways of ships other than bulk carriers, ore carriers and combination carriers (e.g., container carriers and general cargo ships, etc.) are consistent among all IACS members. However, discussions about IACS UR S21A continued on even after its adoption due to the number comments received from relevant industry members regarding its application and interpretation.

As a result of these discussions, amendments clarifying requirements related to container loads on hatch covers and the structural dimensions of hatch covers and hatch coamings, were adopted by IACS as UR S21A (Rev.1) in May 2015.

Therefore, relevant requirements were amended in accordance with the requirements of IACS UR S21A (Rev.1).

Outline of Amendment

The main amendments are as follows:

- (1) Amended requirements related to container loads on hatch covers;
- (2) Added a reference table related to the partial loading conditions of containers which are to be considered when assessing the structural strength of hatch covers.
- (3) Amended requirements related to the thicknesses of the lower plating of double skin hatch covers.
- (4) Amended requirements related to hatch coaming structures and strength criteria.
- (5) Specified requirements related to cases where relaxation of the permissible surface pressures of hatch cover supports is deemed appropriate.