

Hatchways for Ore Carriers and Ships Affixed with the Notation “BCM”

Amended Rules

Rules for the Survey and Construction of Steel Ships Part C

Reason for Amendment

It is specified in Chapter 20 of Part C of the Rules for the Survey and Construction of Steel Ships that the hatchways of ore carriers and of ships affixed with the notation “BCM” (for example, box-shaped bulk carriers) are subject to the requirements of Part CSR-B&T.

Although the requirements for hatchways in Part CSR-B&T are primarily based upon IACS Unified Requirement (UR) S21, the requirements related to buckling strength evaluations in Part CSR-B&T are based upon ultimate strength, while the corresponding requirements in UR S21 are based upon the elastic buckling; thus, different evaluation methods are being used by Part CSR-B&T and UR S21.

Since there is some obscure part about consistencies between the NK Rules and UR S21 with respect to the application of buckling requirements for hatchways of the aforementioned ships, relevant NK requirements were amended accordingly to eliminate these inconsistencies.

Outline of Amendment

Amended relevant requirements related to the hatchways of ore carriers and ships affixed with the notation “BCM” in Part C to clarify the requirements to be applied. More specifically, it is now specified that relevant requirements in Part CSR-B in which buckling strength evaluations are based upon elastic buckling as specified in UR S21 may be applied in addition to the relevant requirements in Part CSR-B&T that have been applied up until now.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part C: 20.2.1