

Rudder Trunks and Rudders

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts C and CS
Guidance for the Survey and Construction of Steel Ships Parts C and CS
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Reason for Amendment

IACS Unified Requirements (UR) S10 stipulates classification requirements regarding rudders, sole pieces and rudder horns, and these requirements have already been incorporated into NK rules.

IACS subsequently decided to review some parts of the UR, and the requirements for rudders, cone couplings, etc. were amended as a result of this review. These amendments were adopted in September 2019 as UR S10(Rev.6).

Relevant requirements were, therefore, amended in accordance with UR S10 (Rev.6).

Outline of Amendment

- (1) Amended requirements regarding rudder trunks.
- (2) Clarified requirements for radius R at the rudder hone recess.
- (3) Clarified the difference between cone length and coupling length.
- (4) Amended requirements for the hardness of synthetic materials used for the bearings of rudder stocks and pintles.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part C: 2.2.8, 3.1.2, 3.1.3, Table C3.1, Fig. C3.5, 3.8.3, Fig. C3.7, Fig. C3.8, Fig. C3.9, Fig. C3.10, 3.8.4, Table C3.3
Part CS: 2.2.7, 3.1.2, 3.1.3, Table CS3.1, Fig. CS3.5, 3.9.3, Fig. CS3.7, Fig. CS3.8, Fig. CS3.9, Fig. CS3.10, 3.9.4, Table CS3.3
Guidance for the Survey and Construction of Steel Ships
Part C: C3.8.4
Part CS: CS3.9
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use
Part 4: 5.1.1, Table 5.1, 5.6.1