

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 Part C

Reason for Amendment

Requirements for rudders, sole pieces and rudder horns are specified in IACS Unified Requirements (UR) S10 and this UR has already been incorporated into the Rules for the Survey and Construction of Steel Ships.

IACS, however, reviewed some requirements of UR S10 and as a result revised provisions on the allowable stress of rudders and the permissible surface pressure of cone couplings, etc. These revisions were approved as UR S10 (Rev.5) in May 2018.

Accordingly, relevant requirements were amended in accordance with UR S10 (Rev.5).

Outline of Amendment

- (1) Amended requirements regarding materials used for rudder trunks.
- (2) Amended the allowable stress in way of the recesses of rudder main pieces.
- (3) Amended permissible surface pressure of cone couplings.
- (4) Amended requirements regarding the outer diameters of gudgeons.
- (5) Amended requirements regarding the minimum push-up lengths of cone couplings.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Parts C: 2.2.5, 2.2.8, 3.6.3, 3.7.1, 3.8.4, 3.9.2
Part CS: 2.2.7, 3.6.3, 3.7.1, 3.9.4, 3.10.2
Guidance for the Survey and Construction of Steel Ships
Part C: C2.2.5, C3.1.4, C3.4.1, Fig.C3.4.1-6