

Anchoring and Mooring Equipment

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part C
Guidance for the Survey and Construction of Steel Ships Part C

Reason for Amendment

IACS Unified Requirements (UR) A1 and A2 for anchors and cable chains as well as towing and mooring equipment (including their respective supporting hull structures) were reviewed and amended in 2016 as IACS UR A1 rev.6 and UR A2 rev.4. These requirements were incorporated into the ClassNK Rules and Guidance in 2018. At the time of the rule revision in 2018, alternative conditions for the safe use of anchor and anchor chains specified in IACS UR A1 were not incorporated into the ClassNK Rules due to the relevant technical background still being under review by ClassNK.

ClassNK at this time has decided to incorporate these aforementioned alternative conditions of safe use for anchors and anchor cables into its Rules and Guidance in response to numerous requests received from members of the maritime industry as well as in consideration of guidance, etc. published by a major international shipowner association regarding alternative conditions of safe use. In addition, a request that the design loads for additional mooring equipment not covered by IACS UR A2 be reviewed so as to bring them more in line with current practice was also received from some industry members.

Accordingly, relevant requirements were amended to reflect relevant industry members' requests in the ClassNK Rules and Guidance.

Outline of Amendment

- (1) Specified alternative conditions for safe use of anchor and anchor chains.
- (2) Amended the design loads for additional mooring equipment and their supporting hull structures.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part C: Table C27.1
Guidance for the Survey and Construction of Steel Ships
Part C: C27.2.3