

Closing Appliances of Ventilators

Amended Rules and Guidance

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

Rules for High Speed Craft

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

Reason for Amendment

ICLL Annex I regulation 19 specifies that ventilator openings are to be provided with weathertight closing appliances in order to prevent flooding. However, it is also specified that the height of the ventilator coaming is to be sufficient according to the location and height of the deck where the ventilator is installed. The requirements in ICLL Annex I regulation 19 have already been incorporated into ClassNK Rules.

Regarding the application of the above requirements, ICLL specifies necessary heights for ventilation coamings based upon Position I and Position II, which are defined as the categories of installation positions of ventilators, etc. Requirements in the ClassNK Rules related to the installation locations of ventilators are based upon ICLL requirements, but some of the descriptions related to the heights of ventilator coamings located on some superstructure decks at the fore end of ships are unclear.

Accordingly, relevant requirements were amended in order to clarify the installation locations of ventilators based upon Position I and Position II to be consistent with the wording used in ICLL.

Outline of Amendment

Amended relevant requirements related to the heights of ventilator coamings located on exposed freeboard and super structure decks so that the installation locations of ventilators are specified based upon Position I and Position II.

(Note) Classification of arrangement locations of ventilators, etc.

Position I: Upon exposed freeboard and raised quarter decks and exposed superstructure decks situated forward of the point located $0.25L_f$ abaft the fore end of L_f .

Position II: Upon exposed superstructure decks situated abaft of the point located $0.25L_f$ abaft the fore end of L_f and located at least one standard height of superstructure above the freeboard deck; or

Upon exposed superstructure decks situated forward of the point located $0.25L_f$ abaft the fore end of L_f and located at least two standard heights of superstructure above the freeboard deck.