

Self-elevating Ships

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts O, P, and PS
Guidance for the Survey and Construction of Steel Ships Parts O, and P

Reasons for Amendment

The Rules for the Survey and Construction of Steel Ships Parts O and P specify requirements for self-elevating ships engaged in the installation of offshore wind turbines.

These requirements were reviewed because some parts were unclear.

Accordingly, relevant requirements were amended based upon the result of a comprehensive review of the ClassNK Rules.

Outline of Amendment

The main contents of this amendment are as follows:

- (1) Specified the definition of the ship which has a large embarking capacity.
- (2) Specified the loads required to be supplied by emergency sources of electrical power and the time periods for which such loads are required to be supplied.
- (3) Specified the design loads which are to be considered for self-elevating ships.
- (4) Clarified the requirements for the air pipes and ventilators, etc. of non self-propelled self-elevating ships.
- (5) Specified that requirements for anchor mooring systems may be mitigated when applied to ships equipped with dynamic positioning systems.
- (6) Specified that the special consideration required to be given to ships which have large embarking capacities means the application of the SPS Code.
- (7) Specified requirements that ships not engaged in international voyages which are intended for restricted service may be exempt from requirements related to fire pumps and water supply devices.
- (8) Amended requirements related to the watertight compartments of self-elevating ship leg bottoms.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part O: 1.3.5, 11.1.1, 11.8.1

Part P: 1.2.37, 3.1.1, 5.2.1, 12.1.3

Part PS: 8.1.3

Guidance for the Survey and Construction of Steel Ships

Part O: O11.5, O11.7.1, O11.8.1, O11.9.1, O11.10.1

Part P: P5, P11.1.4, P11.1.6, P12.1.5, P12.1.6