

2017 Finnish-Swedish Ice Class Rules (Hull)

Amended Rules and Guidance

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

Reason for Amendment

Requirements for ships intended to be registered as ice class vessels for navigation of the Northern Baltic complying with the Finnish-Swedish Ice Class Rules (FSICR) are specified in Chapter 8, Part I of Rules for the Survey and Construction of Steel Ships.

The Finnish Transport Safety Agency regularly reviews the FSICR, and it released a new version of the FSICR in November 2017. This new version called the “2017 FSICR” contains revised provisions related to the design of azimuthing thrusters, etc. Furthermore, the Finnish Transport Safety Agency also revised the “Guidelines for the application of the Finnish-Swedish Ice Class Rules” to reflect the changes made to the FSICR.

Accordingly, relevant requirements were amended in accordance with the “2017 FSICR” and its associated guideline.

Outline of Amendment

The main contents of the amendments are as follows:

- (1) Amended drawings which include parameters related to ice class.
- (2) Clarified the displacements of ships used in design ice pressure calculations.
- (3) Amended relevant requirements to specify that ice-strengthening for fore foot is to be determined in the same way as is done for bow regions.
- (4) Amended requirements related to the application and distance of anti-tripping supports for frames.
- (5) Added requirement related to the direct analysis of web frames.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part I: 1.1.2, 1.2.1, 8.1.2, 8.3.1, 8.3.2, Table I8.7, 8.3.3, Table I8.8, 8.3.4, 8.3.5, 8.3.9

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Part I: I8.1.1, I8.3.6