

Harmonic Filters

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part H

Rules for High Speed Craft

Rules for the Survey and Construction of Inland Waterway Ships

Guidance for the Survey and Construction of Steel Ships Part B

Guidance for High Speed Craft

Guidance for the Survey and Construction of Inland Waterway Ships

Reason for Amendment

IACS Unified Requirement (UR) E24 specifies the installation of monitoring facilities, etc. as requirements for harmonic filters for their protection and otherwise ensuring safety in the case of failure. These requirements are already incorporated into ClassNK Rules.

However, since the application scope of this UR was unclear, IACS reviewed and amended it for clarification purposes. The amended UR was adopted as IACS UR E24(Rev.1).

Accordingly, relevant requirements were amended based upon IACS UR E24(Rev.1).

Outline of Amendment

Clarified that ships in which harmonic filters are installed on the main busbars of electrical distribution systems are required to also be provided with monitoring facilities for the harmonic filters.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part H: 1.1.6, 2.12.4

Rules for High Speed Craft Part 10 1.1.5

Rules for the Survey and Construction of Inland Waterway Ships

Part 8 1.1.6, 2.12.4

Guidance for the Survey and Construction of Steel Ships

Part B: B3.3.1

Guidance for High Speed Craft Part 2 3.6.1

Guidance for the Survey and Construction of Inland Waterway Ships

Part 2 3.3.1

Part 8 1.1.6