

Periodical Surveys of Electric Propulsion Plants

Amended Rules

Rules for the Survey and Construction of Steel Ships Part B
Rules for High Speed Craft
Rules for the Survey and Construction of Inland Waterway Ships

Reason for Amendment

In Recent years, IMO and IACS has tried to develop international requirements regarding the automated/autonomous operations of a ship in response to requests received from relevant industries. In addition, relevant industries have also been considering ways to use automated/autonomous operations of a ship to more effectively use electric propulsion plants and take advantage of their excellent maneuverability as well as their structural advantages of reduced maintainance, fewer sliding parts and reduced vibrations, etc. For this reason, it is expected that the adoption of electric propulsion plants will increase in the near future.

Our Rules provides safety requirements for electric propulsion plants which are based upon *IEC 60092-501* (2013); these Rules, however, had specified that periodical surveys of electric propulsion ships are to be carried out according to the requirements for ships propelled by diesel engines. For this reason, the application of some of these requirements to the periodical surveys of electrical propulsion plants had been unclear.

Accordingly, relevant requirements were amended to clarify the consideration to be given to the periodical surveys of electric propulsion plants.

Outline of Amendment

Amended requirements for the periodical surveys of electric propulsion plants.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part B: 1.1.9, 1.3.1, 3.3.1, Table B3.7, 5.3.1, Table B5.25
Rules for High Speed Craft
Part 2: 1.1.5, 3.6.1, 3.6.2, 3.8.1
Rules for the Survey and Construction of Inland Waterway Ships
Part 2: 1.1.8, 1.3.1, 3.3.1, 5.3.1, Table 2.5.6