

Power Supply Circuits for Navigation Lights of Ships of Less Than 500 Gross Tonnes

Amended Rules

Rules for the Survey and Construction of Steel Ships Part H
Rules for High Speed Craft

Reason for Amendment

The ClassNK Rules specifies that power is to be supplied to navigation light indicator panels by separate circuits from main switchboards and reserve sources of electrical power to ensure the redundancy of feeder circuits. However, for ships with a gross tonnage of less than 500 tonnes, only one circuit from the main switchboard supplied from main sources of electrical power and reserve sources of electrical power is deemed acceptable.

In such cases, the arrangements of the feeder circuits are generally such that navigation light indicators are supplied by only a single circuit from the charging and discharging panels for reserve sources of electrical power arranged as part of main switchboard.

Accordingly, relevant rules are amended to clarify the requirements of such feeder circuit arrangement.

Outline of Amendment

Specified that, in the case of ships whose gross tonnage is less than 500 tonnes, a single circuit from charging and discharging panels supplied by main sources of electrical power and reserve sources of electrical power is deemed acceptable.