

Application of SOLAS Requirements for Special Propulsion Systems

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part D

Guidance for the Survey and Construction of Passenger Ships

Reason for Amendment

Requirements related to steering gear are stipulated in SOLAS II-1/29, etc. For these requirements, IACS has specified UI SC242 as interpretations to be applied to special propulsion systems such as waterjet propulsion systems and azimuth thrusters. These requirements are already incorporated into ClassNK Rules.

IACS conducted a review of the requirements to be applied in cases where more than two special propulsion systems are provided for a ship, and adopted UI SC242(Rev.1) in April 2016 as a result. This revised version specifies that such a propulsion system is to be able to be positioned and locked in a neutral position upon failure of its power unit, and is to be served by at least two exclusive circuits fed directly from main switchboards, even in cases where a ship has more than two special propulsion systems, etc.

Accordingly, relevant requirements were amended in accordance with IACS UI SC242(Rev.1).

Outline of Amendment

The main details of this amendment are as follows:

- (1) Amended performance requirements related to the failure of power units, etc. for waterjet propulsion systems and azimuth thrusters.
- (2) Amended requirements related to the power supply to waterjet propulsion systems and azimuth thrusters.

Amended Requirements

Guidance for the Survey and Construction of Steel Ships

Part D: Annex D1.1.3-1 1.1.4, 1.5.1, 1.5.2, 1.6.3, 1.12.1, Annex D1.1.3-3 1.1.4, 1.4.1, 1.5.1, 1.6.1, 1.13.1

Guidance for the Survey and Construction of Passenger Ships Part 5 1.1.1