

# **The Requirements for the Tests of Electric Generating Sets conducted during Sea Trials**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part B

## **Reason for Amendment**

In Part B of the Guidance for the Survey and Construction of Steel Ships, the requirements for the blackout tests for the electric generating sets of ships which do not have monitoring and control systems for periodically unattended machinery spaces (hereinafter referred to as “non-M0 Ships”) to be conducted during the sea trials of such ships are stipulated. Moreover, it is stipulated that same tests are, in principle, to be conducted while the main propulsion machinery is operating at normal continuous cruising output.

However, with respect to ships which have monitoring and control systems for periodically unattended machinery spaces (hereinafter referred to as “M0 Ships”), it is possible, in cases where all active peripheral equipment are operating at outputs that are equivalent to the normal cruising power the main propulsion machinery, to confirm all of the requirements of blackout tests even when the main propulsion machinery is not operating at normal continuous cruising output.

For this reason, relevant requirements were amended on 15 October 2010 so that the blackout tests for the electric generating sets of M0 ships need not necessarily be carried out while main propulsion machinery is operating at normal continuous cruising output.

Furthermore, since the aforementioned treated is applicable regardless of whether the ship is a M0 Ship or a non-M0 Ship, relevant requirements have been amended so that the testing requirements for non-M0 Ships are the same as the ones for M0 Ships.

## **Outline of Amendment**

The requirements related to the blackout tests for the electric generating sets of non-MO Ships to be conducted during the sea trials have been amended.