

# **Planned Machinery Surveys**

## **Amended Rules and Guidance**

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  
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**

With respect to planned machinery surveys, the requirements for steam turbines are provided in the Rules for the Survey and Construction of Steel Ships, while the requirements for gas turbines are provided only in the Rules for High Speed Craft.

However, the installation of steam turbines or gas turbines on a ship is not restricted by whether the Rules for the Survey and Construction of Steel Ships or the Rules for High Speed Craft are applied.

As part of a comprehensive review of the NK Rules, the above-mentioned rules were revised to harmonize them and clarify the correspondence between the requirements of the Rules for High Speed Craft and the requirements of the IACS Unified Requirement (UR) Z27 on Condition Based Maintenance (CBM).

In addition, the requirements of the Rules for the Survey and Construction of Inland Waterway Ships for Planned Machinery Surveys were also revised to harmonize them with relevant requirements in the Rules for the Survey and Construction of Steel Ships to clarify that CBM based on IACS Unified Rules Z27 can be adopted as a type of Planned Machinery Survey for inland waterway ships.

## **Outline of Amendment**

The main details of the amendment are as follows:

- (1) Transferred requirements for Planned Machinery Surveys for gas turbines specified in the Rules for High Speed Craft to the Rules for the Survey and Construction of Steel Ships; in addition, amended the Rules for High Speed Craft so that it refers to the Rules for the Survey and Construction of Steel Ships with respect to such surveys.
- (2) Deleted requirement specifying that an inspection be carried out at the time of an Intermediate Survey in place of Planned Machinery Surveys from the Rules for the Survey and Construction of Inland Waterway Ships.
- (3) Added requirements for Condition Based Maintenance (CBM) to the Rules for the Survey and Construction of Inland Waterway Ships.

## **Amended Requirements**

Rules for the Survey and Construction of Steel Ships  
Part B: 9.1.5, Table 9.1  
Rules for High Speed Craft  
Part 2: 3.2.6, 3.10, Table 3.10.1  
Rules for the Survey and Construction of Inland Waterway Ships  
Part 2: 1.1.2, 1.1.3, 9.1.1, 9.1.2, 9.1.3, 9.1.4, 9.1.5, Table 2.9.2

Guidance for the Survey and Construction of Steel Ships

Part B: B9.1.4

Guidance for High Speed Craft

Part 2: 3.10

Guidance for the Survey and Construction of Inland Waterway Ships

Part 2: 1.1.3, 9.1.3, 9.1.4