

# **High Voltage Electrical Installations**

## **Amended Rules and Guidance**

Rules for the Survey and Construction of Steel Ships Part H

Guidance for the Survey and Construction of Steel Ships Part H

## **Reason for Amendment**

Although the requirements for high voltage electrical equipment specified in 2.17, Part H of the Rules for the Survey and Construction of Steel Ships have been amended as necessary in accordance with the relevant IEC standards and the IACS Unified Requirement (UR) E11, etc. there were some which have never been fundamentally reviewed over the years and remain unchanged since they were added to the Rules in 1977.

Accordingly, relevant requirements for high voltage electrical equipment were amended in order to clarify their correspondence to UR E11 in addition to reviewing the requirements in consideration of actual results from their application over the years as well as to recent technologies and knowledge. This is being done as part of a comprehensive review of the ClassNK Rules.

## **Outline of Amendment**

The main contents of this amendment are as follows:

- (1) Amended requirements for the air clearances, cables, tests, etc. of high voltage electrical installations in order to be consistent with the wording and construction of IACS UR E11.
- (2) Amended requirements to reflect recent technological advances.

## **Amended Requirements**

Rules for the Survey and Construction of Steel Ships Part H: 2.17

Guidance for the Survey and Construction of Steel Ships Part H: H2.17