

# **Insulation Resistance in Onboard Measuring**

## **Amended Rules**

Rules for the Survey and Construction of Steel Ships Part H

## **Reason for Amendment**

Currently, general requirements for the insulation resistance of electrical equipment are specified by both IACS UR and IEC standards. These requirements are based on rated voltage. The ClassNK Rules, in a similar way, also base some of their requirements on rated voltage; however, there are some requirements related to the onboard testing of the insulation resistance of electrical equipment which are based on rated ampere. This situation is not ideal because the existence of two different standards may lead to confusion.

To remedy this situation, the relevant requirements of such insulation resistance are amended to be based on rated voltage in order to harmonize them with parts of IACS UR E13 (Test Requirements for Rotating Machines) which is widely accepted by relevant industries as the standard for matters related to electrical equipment.

## **Outline of Amendment**

The requirements for the onboard testing of the insulation resistance of electrical equipment are amended to be based on rated voltage.