

# **Equivalent Devices of Oil Mist Detection Arrangements**

## **Amended Rules**

Rules for the Survey and Construction of Steel Ships Part D  
Rules for the Survey and Construction of Inland Waterway Ships

## **Reasons for Amendment**

SOLAS 11-1/47.2 requires crankcase oil mist detection arrangements be provided for diesel engines whose maximum continuous power is 2,250 kW and above or diesel engines whose cylinders have bores of more than 300 mm. In addition, the installation of devices equivalent to crankcase oil mist detection arrangements (e.g. engine bearing temperature monitors) is also permitted.

IACS Unified Requirements M35 and M36 specify safeguards for diesel engines in cases where abnormalities are detected by crankcase oil mist detection arrangements. However, the safeguards in cases where equivalent devices are installed was unclear.

Therefore, IACS revised relevant requirements in order to clarify the safeguards in cases where equivalent devices are installed; these revisions were adopted as IACS UR M36(Rev.6) in December 2018 and M35(Rev.8) in January 2019, respectively.

Accordingly, relevant requirements were amended in accordance with the IACS UR M35(Rev.8) and M36(Rev.6).

## **Outline of Amendment**

The main contents of this amendment are as follows:

- (1) Stipulated that the same safeguards for diesel engines provided with crankcase oil mist detection arrangements are also required for diesel engines provided with equivalent devices.
- (2) Amended the categories for diesel engines given in the Rules for the Survey and Construction of Inland Waterway Ships in order to align with the categories used in Part D of the Rules for the Survey and Construction of Steel Ships

## **Amended Requirements**

Rules for the Survey and Construction of Steel Ships  
Part D: 2.4.5  
Rules for the Survey and Construction of Inland Waterway Ships  
Part 7 2.4.5