

# **Closing Appliances of Ventilators**

## **Amended Rules and Guidance**

Rules for the Survey and Construction of Steel Ships Part B, C and CS

Guidance for the Survey and Construction of Steel Ships Part B, C and CS

## **Reason for Amendment**

Each year, Port State Control inspections identify many problems such as corrosion wastage, etc. of the closing appliances of ventilators. Such problems are primarily due to the negligent maintenance and repair of many of the parts of such appliances. Even though the Society has tried various measures such as carrying out an inspection campaign, the number of problems pointed out during PSC has not decreased.

Therefore, it is believed that it is necessary to carry out the internal inspection of ventilators and install a suitable means of inspection for closing appliances so as to detect any problems at an early stage.

Furthermore, in order to decrease such problems, it is also believed that the use of corrosion resistance material for closing appliances and the installation of warning plates for preventing any damage to such appliances by inappropriate operations would be beneficial.

Accordingly, relevant requirements have been amended.

## **Outline of Amendment**

- (1) It has been specified that specified numbers of ventilators to machinery and cargo spaces are to be examined internally at special surveys.
- (2) It has been specified that ventilators for machinery and cargo spaces are to be provided with an indicator that enables confirmation whether the shutoff is open or closed from outside the ventilator as well as suitable means of inspection for closing appliances.
- (3) It has been specified that the closing appliances of the ventilators for machinery and cargo spaces are to have inherent corrosion resistance properties or be provided with an adequate anticorrosion treatment.
- (4) It has been specified that mechanical ventilation systems are to be provided with warning plates stating that the closing appliances of such mechanical ventilation systems are generally to be closed after the ventilation system has been shut off, unless reinforced.