

# **The Approval Procedures of Fixed Fire-extinguishing Systems**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part R

## **Reason for Amendment**

The requirements for fixed fire-extinguishing systems are specified in Chapter II-2 of SOLAS and the International Code for Fire Safety Systems (FSS Code). The approval procedures, stipulated performance criteria and test procedures for such systems have been circulated.

However, since there are some reasons including what performance criteria and test procedures are not clear, the IMO Sub-Committee on Fire Protection discussed the amendment of such approval procedures. As a result, at the 84<sup>th</sup> session of IMO Maritime Safety Committee (MSC 84), amendments of the approval procedures for various fixed fire-extinguishing systems were approved and circulated as MSC.1/Circ.1267, MSC.1/Circ.1269, MSC.1/Circ.1270 and MSC.1/Circ.1272.

Accordingly, it has been amended that fixed fire-extinguishing systems deemed appropriate by the Society are to comply with each of the approval procedures amended by corresponding Circulars.

## **Outline of Amendment**

- (1) The requirements for other fixed fire-extinguishing systems installed in vehicle and Ro-Ro spaces have been amended to comply with MSC.1/Circ.1272.
- (2) The requirements for equivalent fixed gas fire-extinguishing systems for machinery spaces and cargo pump rooms have been amended to comply with MSC/Circ.848 as amended by MSC.1/Circ.1267.
- (3) The requirements for equivalent fixed gas fire-extinguishing systems for machinery spaces and cargo pump rooms have been amended to specify that fixed aerosol fire-extinguishing systems complying with MSC.1/Circ.1270 are permitted to be used.
- (4) The requirements for fixed pressure water-spraying fire-extinguishing systems and equivalent water-mist fire-extinguishing systems for machinery spaces and cargo pump rooms have been amended to comply with MSC.1/Circ.1165 as amended by MSC.1/Circ.1269. In addition, the requirements given in R27.2.1-2 have been deleted because they are now included in MSC.1/Circ.1165 as amended by MSC.1/Circ.1269.