

# **Fixed Water-based Fire-fighting Systems for Vehicle Spaces and Ro-Ro Spaces**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part R

## **Reason for Amendment**

SOLAS regulation II-2/20.6.1 stipulates that fixed water-based fire-fighting systems for vehicle spaces and Ro-Ro spaces are to comply with the following standards:

- Recommendation on fixed fire extinguishing systems for special category spaces (IMO Resolution A.123(V))
- Guidelines for the approval of fixed water-based fire-fighting systems for ro-ro spaces and special category spaces equivalent to that referred to in resolution A.123(V) (MSC.1/Circ.1272)

A review of Resolution A.123(V) was conducted for the following two reasons: (1) to strengthen fire extinguishing system performance standards to ensure that such systems are sufficiently capable of dealing with large-sized vehicle fires: and (2) to combine Resolution A.123(V) and MSC.1/Circ.1272.

As a result, the Revised guidelines for the design and approval of fixed water-based fire-fighting systems for ro-ro spaces and special category spaces was approved and circulated as MSC.1/Circ.1430 at the 90<sup>th</sup> session of the IMO Maritime Safety Committee (MSC 90) held in May 2012.

Accordingly, relevant requirements were amended in accordance with MSC.1/Circ.1430.

## **Outline of Amendment**

- (1) It was specified that a fixed pressure water spraying system installed in vehicle and ro-ro spaces was to comply with the requirements of sections 1, 2, 3 and 4 of MSC.1/Circ.1430.
- (2) It was specified that other approved fixed fire-extinguishing system (i.e. system deemed equivalent to the fixed pressure water spraying system mentioned in (1) above) was to comply with the requirements of sections 1, 2, 3 and 5 of MSC.1/Circ.1430.