

# **Nozzles Installations for Fixed Water-Based Local Application Fire-Extinguishing Systems**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part R

## **Reason for Amendment**

The amendment SOLAS Chapter II-2 adopted in 2000 requires cargo ships of 2,000 gross tonnage and above to provide fixed water-based local application fire-fighting systems for protecting machinery spaces of category A above  $500m^3$  in volume. However, since the systems are tested in a 3 x 3 or 2 x 2 grid, there has been vagueness in the acceptable maximum spacing of water mist nozzles when located in a single row or used independently.

Therefore, IACS developed the Unified Interpretation (UI) SC217 for clarifying the accepted maximum spacing corresponding to test results.

Accordingly, relevant requirements were amended in accordance with UI SC217.

## **Outline of Amendment**

For fixed water-based local application fire-fighting systems required for machinery spaces of category A, the acceptable maximum spacing corresponding to test results was specified.