

# **The Anti-Freezing Measures of Piping for Decontamination Showers and Eyewash**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part N and S

## **Reason for Amendment**

In 14.4.3, Part N of the Rules, it is specified that ships carrying liquefied gases in bulk are required, as a protective measure for the crew, to be equipped with decontamination showers and eyewash that are operable under all ambient conditions. Similar requirements are specified for ships carrying dangerous chemicals in bulk in 14.2.10, Part S of the Rules. Furthermore, S14.2.10, Guidance for Part S specifies that specific means for anti-freezing are to be provided with thermal insulation and drain connections at suitable locations for ships carrying dangerous cargoes in bulk. However, no such requirements for ships carrying liquefied gases in bulk had been specified in the Guidance for Part N.

Since the purpose of decontamination showers and eyewash on ships carrying liquefied gases in bulk and ships carrying dangerous chemicals in bulk is the same, it is appropriate the requirements specified for such ships also be the same.

In addition to the above, regarding the anti-freezing measures for fire mains located on exposed decks, it is specified in R10.2.1-1, Guidance for Part R that fire main pipes are to be provided with either suitable insulation or drain valves (i.e. both thermal insulation and drain valves for anti-freezing are not required).

Accordingly, the relevant requirements in the Guidance for Part S related to the anti-freezing measures for the piping of decontamination showers and eyewash for ships carrying dangerous chemicals in bulk has been harmonized with the requirements for fire mains found in the Guidance for Part R. In addition, same requirements for ships carrying dangerous cargoes in bulk have been newly specified in the Guidance of Part N for ships carrying liquefied gases in bulk

## **Outline of Amendment**

- (1) With respect to the anti-freezing means of decontamination showers and eyewash for ships carrying dangerous chemicals in bulk, it has been amended that either thermal insulation or drain connections are to be provided.
- (2) With respect to the anti-freezing means of decontamination showers and eyewash for ships carrying liquefied gases in bulk, the same requirements for ships carrying dangerous chemicals in bulk have been specified.