

The Arrangement of Fuel Oil Tanks

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part R

Reason for Amendment

In cases where it is necessary for fuel oil tanks to be located within machinery spaces of category A, it is specified in R4.2.2-3, Part R of the Guidance that either the top plates of such fuel oil tanks are to be common with the upper deck and that the lower ends of said tanks are to be extended to the double bottom top or side shell plate, or that cofferdams are to be provided at the top and bottom of the tanks. However, there are some cases where complying with the above requirement can hinder the machinery arrangements in machinery spaces. Additionally, the above requirement is not specified in SOLAS. Accordingly, relevant requirements have been amended in order to more reflect the actual situation.

In addition, MSC.1/Circ.1322 was approved at the 86th Session of the IMO Maritime Safety Committee (MSC 86) held in June 2009. This clarified that the isolation spaces provided between side shell plates and fuel oil tanks in accordance with MARPOL Regulation I/12A are to be cofferdams. Accordingly, relevant requirements have been amended on the basis of MSC.1/Circ.1322.

Outline of Amendment

- (1) Permits openings in void spaces between upper decks and the tops of fuel oil tanks.
- (2) Permits cofferdams provided under fuel oil tanks to not be extended to double bottom tops or side shell plates in cases where such cofferdams have sufficient depth.
- (3) Adds a figure of a cofferdam between a side shall plate and a fuel oil tank.