

The Suction Head of Emergency Fire Pumps

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part B and R

Reason for Amendment

With regard to the suction head required for emergency fire pumps, 2.2.1.3 Chapter 12 of the FSS Code specifies that “The total suction head and the net positive suction head of the pump shall be determined ... under all conditions of list, trim, roll and pitch likely to be encountered in service”. However, the specific conditions to which this requirement applies are unclear. Therefore, a Unified Interpretation for this requirement was discussed at the IMO.

As a result, a Unified Interpretation was approved as MSC.1/Circ.1388 at MSC88 held in November 2010. Furthermore, IACS UI SC178 was amended based on MSC.1/Circ.1388.

Accordingly, relevant requirements have been amended in accordance with MSC.1/Circ.1388 and IACS UI SC178(Rev.1).

Outline of Amendment

- (1) The ship conditions which are to be considered in determining the suction head of emergency fire pumps have been newly specified.
- (2) The test conditions for emergency fire pumps have been newly specified.