

Locations of Spaces Containing Emergency Fire Pumps

Amended Rules

Rules for the Survey and Construction of Steel Ships Part R

Reason for Amendment

Regulation II-2/10 of SOLAS specifies that spaces containing emergency fire pumps are not to be contiguous to the boundaries of machinery spaces of category A or spaces containing main fire pumps. On the other hand, the Japanese Government's requirements specify that such spaces are in not only to be located according to SOLAS, but also to the aft of forward collision bulkheads.

Since the NK Rules are specified based upon both of the aforementioned requirements, emergency fire pumps are required to be located to the aft of forward collision bulkheads in addition to not being contiguous to any boundaries of machinery spaces of category A or spaces containing main fire pumps. Relevant industry members, however, have stated that the ClassNK requirements are restrictive in comparison to similar requirements of other classification societies and thus have requested that ClassNK relax its requirements accordingly. In response, ClassNK reviewed the relevant requirements and came to the conclusion that emergency fire pumps located forward of forward collision bulkheads are sufficiently safe because such pumps are simply intended to ensure the redundancy of main fire pumps and there have been no reported cases of problems caused by such arrangements. As a result, relevant requirements were amended accordingly to bring them in line with the SOLAS requirements.

Outline of Amendment

Deleted the requirement stating that spaces containing emergency fire pumps are to be located to the aft of forward collision bulkheads.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part R: 10.2.2