

Fire Integrity of Ro-Ro and Vehicle Spaces

Amended Rules

Rules for the Survey and Construction of Steel Ships Part R

Reason for Amendment

A fire on the ro-ro ship in 2008 was the impetus behind the IMO Fire Protection Sub-Committee's decision to hold discussions on the fire integrity of bulkheads and decks in way of ro-ro and vehicle spaces. Taking into account the results of various simulations of fires in ro-ro spaces, it was reported that the fire integrity of bulkheads and decks in way of ro-ro and vehicle spaces was vital in ensuring the spread of fire to adjacent spaces.

As a result, at the 91st Session of the IMO Maritime Safety Committee (MSC91) held in November 2012, SOLAS II-2/regulation 9, which is related to the fire integrity of bulkheads and decks used to partition ro-ro and vehicle spaces, was amended to require "A-30" insulation instead of the "steel or equivalent material". This amendment was adopted as IMO Resolution MSC.338(91).

Accordingly, relevant requirements were amended based upon IMO Resolution MSC.338(91).

Outline of Amendment

Amended requirements related to the fire integrity of bulkheads and decks in way of ro-ro and vehicle spaces based upon IMO Resolution MSC.338(91).