

MSC Guidelines for Review of Overhanging decks

Plan Review Guidance #: SOLAS-29

Effective Date

11/15/02

Regulations

- SOLAS 2001 Cite: II-2/9.2.2.3.2.2(5)
 - SOLAS 1974 Cite: II-2/26.2.2(5)
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Contact Information

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Regulation Text

“Open deck spaces and enclosed promenades clear of lifeboat and life raft embarkation and lowering stations. To be considered in this category, enclosed promenades shall have no significant fire risk, meaning that furnishings shall be restricted to deck furniture. In addition, such spaces shall be naturally ventilated by permanent openings.”... “Air spaces (the space outside superstructures and deckhouses).”

Guidance

In general, any partially enclosed area that is covered with an overhanging deck in excess of 10 meters is considered an enclosed space requiring fire protection appropriate for the fire load and use (including sprinklers and detection). Similar areas covered for less than 10 meters are still considered type 5 areas, provided that all of the high risk areas (i.e., galley ranges) beneath the overhang are adequately separated from the surrounding areas.

Background

We have experienced many arrangements where inappropriate fire loads are being located beneath overhanging decks. Primarily, we are concerned with mooring decks and cooking areas. However, other high fire risk arrangements should be addressed.

Three key factors are evaluated to determine the fire risk of the space beneath an overhanging deck: the presence of high fire risk features such as machinery, cooking equipment, combustible or flammable storage areas under the overhanging deck; the degree of enclosure of the open deck area; and the proximity of any overhanging deck to vital areas and equipment onboard the vessel (i.e., escape routes, lifesaving appliances, emergency equipment, ventilation inlets and exhausts).