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STATUTORY INSTRUMENTS

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**1998 No. 1012**

**The Merchant Shipping (Fire Protection:  
Large Ships) Regulations 1998**

GENERAL

*Requirements for ships constructed on or after 1st September 1984*

**41.**—(1) Where halogenated hydrocarbon is used as an extinguishing medium in fixed fire-extinguishing systems its use shall be permitted only in machinery spaces, pump rooms and in cargo spaces intended solely for the carriage of vehicles which are not carrying any cargo.

(2) Where a fixed pressure water-spraying system is used for the protection of special category spaces, cargo spaces where permitted by these Regulations or ro-ro cargo spaces, special consideration shall be given to the bilge pumping and drainage arrangements where such spaces are below the bulkhead deck and to the scupper arrangements where such spaces are above the bulkhead deck.

**Fixed low-expansion foam fire-extinguishing systems in machinery spaces**

**42.**—(1) Where in any machinery space a fixed low-expansion foam fire-extinguishing system is fitted in addition to the requirements of these Regulations, such a system shall be capable of discharging through fixed discharge outlets in not more than 5 minutes a quantity of foam sufficient to cover to a depth of 150 mm the largest single area over which oil fuel is liable to spread. The system shall be capable of generating foam suitable for extinguishing oil fires. Means shall be provided for the effective distribution of the foam through a permanent system of piping and control valves or cocks to suitable discharge outlets, and for the foam to be effectively directed by fixed sprayers on other main fire hazards in the protected space. The expansion ratio of the foam shall not exceed 12 to 1.

(2) The means of control of any such system shall be readily accessible and simple to operate and shall be grouped together in as few locations as possible at positions not likely to be cut off by a fire in the protected space.

**Fixed fire-extinguishing systems not required by these Regulations**