

issued under The Shipping (Fire Appliances) Regulations 1989;

(i) each special category space, each open ro-ro cargo space having a deck over and each space deemed to be a closed ro-ro cargo space not capable of being sealed shall be fitted with a fixed pressure water spraying system complying with clause 23 of this code for the protection of all parts of any deck and vehicle platform in such space, except that the Chief Surveyor may permit the use of any other fixed fire extinguishing system that has been shown by full scale test to be no less effective.

The paragraphs of this sub-clause are listed in the left hand vertical columns of Tables 1, 2 and 3.

(7) The classes of dangerous goods referred to in this clause are those specified in the International Maritime Dangerous Goods Code. Such classes are listed in the top horizontal rows of Tables 2 and 3.

(8) Ships and cargo spaces in categories A B C or E shall comply with a particular paragraph of sub-clause (6) of this clause if

(a) an "X" appears in Table 2 where the vertical column for that category crosses the horizontal row for that sub-paragraph and

(b) the dangerous goods (not being solid dangerous goods carried in bulk) which the ship or space as the case may be intended to carry are of a class included in Table 3 and an "X" appears in that table where the vertical column for that class crosses the horizontal row for that paragraph.

(9) Ships and cargo spaces of category D shall comply with the requirements of a particular paragraph of sub-clause (6) of this clause if the dangerous goods (being solid dangerous goods in bulk) are of a class included in Table 2 and an "X" appears where the vertical column for that class of goods crosses the horizontal row for that paragraph.

(10) Any requirement applicable in accordance with this clause shall be applied subject to any exception or modification set out in the footnotes to the relevant Table or Tables which is applicable to that particular case.

(11) Where in a ship or cargo space of category D dangerous goods of class 4.3 are carried, the Chief Surveyor may, having regard to the hazards of the particular dangerous goods, impose such additional requirements as he may think necessary.

Table 1—Application of the Requirements to Different Modes of Carriage of Dangerous Goods in Ships and Cargo Spaces

Clause 7 (6)	Clause 7 (5)						Shipborne barges goods in bulk
	A	B	C		D	E	
	Not Specifically designed	Container cargo spaces	Closed ro-ro cargo spaces	Open ro-ro cargo spaces	Weather decks	Intended for Solid dangerous	
(a) Immediate availability of water supplies	X	X	X	X	X		X
(b) Quantity of water	X	X	X	X	X	For application of requirements of this clause to different classes of dangerous goods see Table 2	—
(c) Water cooling	X	X	X	X	—		X
(d) Cargo space flooding	X	X	X	X	—		X
(e) Fire detection	X	X	X	—	—		X ^b
(f) Protection clothing	X	X	X	X	X		—
(g) Breathing apparatus	X	X	X	X	X		—
(h) Fire extinguishers	X	—	—	X	X		—
(i) Water spray	—	—	X ^a	X	—		—

Notes (Table 1)

^a Applied only to closed ro-ro cargo spaces, not capable of being sealed.

^b In the special case where the barges are capable of containing flammable vapours or alternatively if they are capable of discharging flammable vapours to a safe space outside the barge carrier compartment by means of ventilation ducts connected to the barges, these requirements may be reduced or waived to the satisfaction of the Chief Surveyor.

Table 2—Application of the Requirements to Different Classes of Dangerous Goods for Ships and Cargo Spaces Carrying Solid Dangerous Goods in Bulk

Clause 7 (6)	Class of Dangerous Goods						
	4.1	4.2	4.3 ^d	51	6.1	8	9
(a) Immediate availability of water supplies	X	X	—	X	X ^a	X ^a	X
(b) Quantity of water ^c	X	X	—	X	—	—	X
(f) and (g) Personnel protection	X	X	X	X	X	X	X

Notes (Table 2)

^a This requirement is applicable only when the characteristics of the substance call for large quantities of water for fire fighting.

^c For possible additional requirements see paragraph (11) of this clause.

^d Further requirements which may be applicable in a particular case are contained in the International Maritime Dangerous Goods Code (resolution A81(IV) as amended) or the Code of Safe Practice for Solid Bulk Cargoes (resolution A434(XI) as amended) as appropriate; as published by the International Maritime Organisation.