

not provided with a fixed fire-extinguishing system and to 'A-30' Class standard where such a system is fitted. Decks and bulkheads separating other machinery spaces from accommodation, service spaces and control stations shall be constructed to 'A-0' Class standard. Decks and bulkheads separating control stations from accommodation and service spaces shall be constructed to 'A' Class standard, insulated to the satisfaction of the Chief Surveyor, except that the fitting of 'B-15' Class divisions for separating such spaces as the master's cabin from the wheelhouse may be permitted.

(4) In vessels, the hull of which is constructed of combustible materials, the decks and bulkheads separating machinery spaces from accommodation spaces, service spaces or control stations shall be constructed to 'F' Class or 'B-15' Class standard. In addition, machinery space boundaries shall as far as practicable prevent the passage of smoke. Decks and bulkheads separating control stations from accommodation and service spaces shall be constructed to 'F' Class standard.

(5) In ships, the hull of which is constructed of non-combustible materials, bulkheads of corridors serving accommodation spaces, service spaces and control stations shall be of 'B-15' Class divisions.

(6) In ships, the hull of which is constructed of combustible materials, bulkheads of corridors serving accommodation spaces, service spaces and control stations, shall be of 'F' Class divisions.

(7) Any bulkhead required by sub-clause (2) or (3) shall extend from deck to deck unless a continuous ceiling of the same Class as the bulkhead is fitted on both sides of the bulkhead, in which case the bulkhead may terminate at the continuous ceiling.

(8) Interior stairways serving accommodation spaces, service spaces or control stations shall be of steel or other equivalent material. Such stairways shall be within enclosures constructed of 'F' Class divisions in vessels the hull of which is constructed of combustible materials, or 'B-15' Class divisions in vessels the hull of which is constructed of non-combustible materials, provided that where a stairway penetrates only one deck it need be enclosed at one level only.

(9) Doors and other closures of openings in bulkheads and decks referred to above, doors fitted to stairway enclosures referred to above and doors fitted in engine and boiler casings, shall be as far as practicable equivalent in resisting fire to the divisions in which they are fitted. Doors to machinery in spaces of Category A shall be self-closing.

(10) Lift trunks which pass through the accommodation and service spaces shall be constructed of steel or equivalent material and shall be provided with means of closing which will permit control of draught and smoke.

(11) In ships, the hull of which is constructed of combustible materials, the boundary bulkheads and decks of spaces containing any emergency source of power and bulkheads and decks between galleys, paint rooms, lamp rooms or any store-rooms which contain appreciable quantities of highly flammable materials, and accommodation spaces, service spaces or control stations shall be constructed of 'F' Class or 'B-15' Class divisions.

(12) In ships, the hull of which is constructed of non-combustible materials, the decks and bulkheads referred to in subclause (11) of this clause shall be of 'A' Class divisions insulated to the satisfaction of the Chief Surveyor, having in mind the risk of fire, except that the Chief Surveyor may accept 'B-15' Class divisions between a galley and accommodation spaces, service spaces and control stations when the galley contains electrically heated furnaces, electrically heated hot water appliances or other electrically heated appliances only.

(13) Where bulkheads or decks required by sub-clauses (3), (4), (5), (6), (7), (11), and (12) of this clause to be of 'A' Class, 'B' Class or 'F' Class divisions, are penetrated for the

passage of electrical cables, pipes, trunks, ducts, and similar devices, arrangements shall be made to ensure that the fire integrity of the divisions is not impaired.

(14) Air spaces enclosed behind ceilings, panellings or linings in accommodation spaces, service spaces and control stations shall be divided by close-fitting draught stops spaced not more than 7 metres apart.

(15) Exposed surfaces within accommodation spaces, service spaces, control stations, corridor and stairway enclosures and the concealed surfaces behind bulkheads, ceilings, panellings and linings in accommodation spaces, service spaces, and control stations shall have low flame-spread characteristics.

50. Structural Requirements for Ships of 24m in Length and Over and of Class IV, V, VI and IX.

(1) The requirements of subclauses (2) to (10) of this clause apply to ships of Class IV, V, VI and IX.

(2) In ships, the hull of which is constructed of non-combustible materials, the decks and bulkheads separating machinery spaces of Category A from accommodation spaces service spaces or control stations shall be constructed to 'A-60' Class standard where the machinery space of Category A is not provided with a fixed fire-extinguishing system and to 'A-30' Class standard where such a system is fitted. Decks and bulkheads separating other machinery spaces from accommodation, service spaces and control stations shall be constructed to 'A-0' Class standard.

(3) In ships, the hull of which is constructed of combustible materials, the decks and bulkheads separating machinery spaces from accommodation spaces, service spaces or control stations shall be constructed to 'F' Class or 'B-15' Class standard. In addition, machinery space boundaries shall as far as practicable prevent the passage of smoke.

(4) Any bulkhead required by sub-clause (2) or (3) of this clause shall extend from deck to deck unless a continuous ceiling of the same Class as the bulkhead is fitted on both sides of the bulkhead, in which case the bulkhead may terminate at the continuous ceiling.

(5) Ladders or stairways within machinery spaces shall be of steel or equivalent material.

(6) Doors and other closures of openings in bulkheads and decks referred to above, shall be as far as practicable equivalent in resisting fire to the divisions in which they are fitted. Doors to machinery in spaces of Category A shall be self-closing.

(7) In ships, the hull of which is constructed of combustible materials, the bulkheads and decks between galleys, paint rooms, lamp rooms or any store-rooms which contain appreciable quantities of highly flammable materials, and accommodation spaces, service spaces or control stations shall be constructed of 'F' Class or 'B-15' Class divisions.

(8) In ships, the hull of which is constructed of non-combustible materials, the decks and bulkheads referred to in sub-clause (7) of this clause shall be of 'A' Class divisions insulated to the satisfaction of the Chief Surveyor, having in mind the risk of fire, except that the Chief Surveyor may accept 'B-15' Class divisions between a galley and accommodation spaces, service spaces and control stations when the galley contains electrically heated furnaces, electrically heated hot water appliances or other electrically heated appliances only.

(9) Where bulkheads or decks required by subclauses (2), (3), (4), (7), and (8) of this clause to be of 'A' Class, 'B' Class or 'F' Class divisions, are penetrated for the passage of electrical cables, pipes, trunks, ducts, and similar devices, arrangements shall be made to ensure that the fire integrity of the divisions is not impaired.

(10) Exposed surfaces within accommodation spaces, service spaces control stations, corridor and stairway enclosures and the concealed surfaces behind bulkheads, ceilings, panellings