

Appendix - List of references in SOLAS text and explanatory guidance notes

Publications of the International Maritime Organization

(available from the International Maritime Organization, Publications section, 4 Albert Embankment, London SAE1 7SR)

Assembly resolutions

A123(V) 25 October 1967 Recommendation on fixed fire extinguishing systems for special category spaces.

A565(14) 20 November 1985 Recommended procedures to prevent the illegal or accidental use of low flashpoint cargo oil as fuel.

A567(14) 20 November 1985 Regulation for inert gas systems on chemical tankers.

A654(16) 19 October 1989 Graphical symbols for fire control plans.

A752(18) 4 November 1993 Guidelines for the evaluation testing and application of low location lighting on passenger ships.

A756(18) 4 November 1993 Guidelines on the information to be provided with fire control plans and booklets required by SOLAS regulations II-2/20 and 41-2.

A760(18) 4 November 1993 Symbols related to life saving appliances and arrangements.

A830(19) 23 November 1995 Code on alarms and indicators 1995.

MSC Resolutions

1(XLV) Adoption of amendments to the International Convention for the Safety of Life at Sea 1974, adopted 20 November 1981, entered into force 1 September 1984.

6(48) Adoption of amendments to the International Convention for the Safety of Life at Sea 1974, adopted 17 June 1983, entered into force 1 July 1986.

13(57) Adoption of amendments to the International Convention for the Safety of Life at Sea 1974, adopted 11 April 1989, entered into force 1 February 1992.

22(59) Adoption of amendments to the International Convention for the Safety of Life at Sea 1974, adopted 23 May 1991, entered into force 1 January 1994.

24(60) Adoption of amendments to chapter II-2 of the International Convention for the Safety of Life at Sea 1974, adopted 10 April 1992, entered into force 1 October 1994.

27(61) Adoption of amendments to the International Convention for the Safety of Life at Sea 1974, adopted 11 December 1992, entered into force 1 October 1994.

31(63) Adoption of amendments to the International Convention for the Safety of Life at Sea 1974, adopted 23 May 1994, entered into force: Annex 1 1 January 1996, Annex 2 1 July 1998.

57(67) Adoption of amendments to the International Convention for the Safety of Life at Sea 1974, adopted 5 December 1996, entered into force 1 July 1998.

61(67) Adoption of the international code for application of fire test procedures, adopted 5 December 1996, entered into force 1 July 1998.

98(73) Adoption of the international code for fire safety systems, adopted 5 December 2000, entered into force 1 July 2002.

MSC Circulars

MSC/Circ. 353 4 July 1983 Revised guidelines for inert gas systems.

MSC/Circ. 387 4 January 1985 Revised guidelines for inert gas systems.

MSC/Circ. 450/Rev.1 10 May 1988 revised factors to be taken into consideration when designing cargo tank venting and gas freeing arrangements.

MSC/Circ. 451 24 September 1986 Guidance concerning the location of fire control plans for the assistance of shoreside firefighting personnel.

MSC/Circ. 553 19 June 1991 Information on flashpoint and firefighting media for chemicals to which neither the IBC code nor the BCH code apply.

MSC/Circ. 606 12 February 1993 Port state concurrence with SOLAS exemptions.

MSC/Circ. 608.Rev.1 5 July 1994 Interim guidelines for open-top container ships.

MSC/Circ. 642 6 June 1994 Carriage of dangerous goods – Document of compliance with the special requirements for ships carrying dangerous goods under the provisions of regulation II-254 of SOLAS 1974, as amended.

MSC/Circ. 671 22 December 1994 Lists of solid bulk cargoes which are non-combustible or constitute a low fire risk or for which a fixed gas fire extinguishing system is ineffective.

MSC/Circ. 677 30 December 1994 Revised standards for the design testing and locating of devices to prevent the passage of flame into cargo tanks in tankers.

MSC/Circ. 699 17 July 1995 Revised guidelines for passenger safety instructions.

MSC/Circ. 729 4 July 1996 Design guidelines and operational recommendations for ventilation systems in ro ro cargo spaces.

MSC/Circ. 735 24 June 1996 Recommendation on the design and operation of passenger ships to respond to elderly and disabled persons needs.

MSC/Circ. 777 12 December 1996 Indication of the assembly station in passenger ships.

MSC/Circ. 799 9 June 1997 Guidelines for performance and testing criteria and surveys of expansion foam concentrates for fixed fire extinguishing systems of chemical tankers.

MSC/Circ. 849 8 June 1998 Guidelines for the performance location use and care of emergency escape breathing devices (EEBDs).

MSC/Circ. 850 8 June 1998 Guidelines for the maintenance and inspection of fire protection systems and appliances.

MSC/Circ. 909 4 June 1999 Interim guidelines for a simplified evacuation analysis of ro ro passenger ships.

MSC/Circ. 913 4 June 1999 Guidelines for the approval of fixed water based local application fire fighting systems for use in Category A machinery spaces.

MSC/Circ. 914 4 June 1999 Guidelines for the approval of alternative fixed water based fire fighting systems for special category spaces.

MSC/Circ. 917 4 June 1999 Guidelines for fire safety construction in accommodation areas.

MSC/Circ. 1002 26 June 2001 Guidelines on alternative design and arrangements for fire safety.

MSC/Circ. 1004 14 June 2001 Unified interpretations of the international code for application of fire test procedures (FTP Code) and fire test procedures referred to in the code.

MSC/Circ. 1009 8 June 2001 Amendments to the revised standards for the design testing and locating of devices to prevent the passage of flame into cargo tanks in tankers (MSC/Circ.677).

MSC/Circ. 1033 6 June 2002 Interim guidelines for evacuation analyses for new and existing passenger ships.

MSC/Circ. 1050 28 May 2002 Shipboard plans for fire protection appliances life saving appliances and means of escape.

Resolutions published as Codes

References to International Bulk Chemical, or IBC, Code are to the:
International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (1998 Edition).

References to Bulk Chemical, or BCH, Code are to the:
Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (1993 Edition) and amendments adopted by resolution MSC 51(66) on 4 June 1996.

References to International Gas Carrier, or IGC, Code are to the:
International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (1993 Edition) and amendments adopted by resolutions MSC 32(63) on 23 May 1994 and MSC 59(67) on 5 December 1996.

References to Gas Carrier, or GC, Code are to the:
Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (1983 Edition) and amendments adopted by resolution MSC 32(63) on 23 May 1994.

References to BC Code are references to the:
Code of Safe Practice for Solid Bulk Cargoes (2001 Edition).
International Maritime Dangerous Goods Code (IMDG Code)(2000 Edition).

Publications of the British Standards Institution

British Standards

BS 5306: Part 4: 2001 Specification for carbon dioxide systems.

BS 5396: 1976 Specification for seamless steel CO2 containers for fixed firefighting installations on ships.

BS 5430: Part 2: 1990 Specification for welded steel containers of water capacity 0.5L up to 150L.

BS 5445 –in part equates to BS EN 54 comprising:

BS EN 54: Part 1: 1996 Introduction.

BS EN 54: Part 2: 1998 Control and indicating equipment.

BS EN 54: Part 4: 1998 Power supply equipment.

BS 5445: Part 5: 1977 Heat sensitive detectors – point detectors containing a static element.

BS 5445: Part 7: 1984 Specification for point type smoke detectors using scattered light, transmitted light or ionization.

BS 5445: Part 8: 1984 Specification for high temperature heat detectors.

BS 5445: Part 9: 1984 Methods of test for sensitivity to fire.

BS 5839: Part 4: 1988 Specification for control and indicating equipment.

BS EN 3 comprising:

BS EN 3: Part 1: 1996 Description, duration of operation, class A and B fire test.

BS EN 3: Part 2: 1996 Tightness, dielectric test, tamping test, special provisions.

BS EN 3: Part 3: 1996 Construction, resistance to pressure, mechanical tests.

BS EN 3: Part 4: 1996 Charges, minimum required fire.

BS EN 3: Part 5: 1996 Specification and supplementary tests.

BS EN 3: Part 6: 1996 Provisions for the attestation of conformity of portable fire extinguishers in accordance with EN3 part1 to part 5.

BS EN 354: 1993 Personal protective equipment against falls from a height. Lanyards.

BS EN 355: 1993 Personal protective equipment against falls from a height. Energy absorbers.

BS EN 358: 2000 Personal protective equipment against falls from a height. Belts for work positioning and restraint and work positioning lanyards.

BS EN 361: 1993 Personal protective equipment against falls from a height. Full body harnesses.

BS EN 365: 1993 Personal protective equipment against falls from a height. General requirements for instructions for use and for marking.

Publications of the International Standards Organization

ISO Standards

ISO 1716: 2002 Reaction to fire tests for building products- determination of the heat of combustion.

ISO 15371: 2000 Ships and marine technology- Fire extinguishing systems for protection of galley deep fat cooking equipment- Fire tests.

Publications of the International Electrotechnical Commission

IEC Standards

IEC 60034: Part 5: (2000-12) Rotating electrical machines – Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP Code) – Classification.

IEC 60068: Part 2: Section 1 (1990-05) Environmental testing – Part 2: Tests A: Cold

IEC 60079: Parts 0 – 20 Electrical apparatus for explosive gas atmospheres.

IEC 60092: Part 506: (1996-05) Electrical installations in ships - part 506: Special features – ships carrying specific dangerous goods and materials hazardous only in bulk.

Publications of the Department for Transport

(Merchant Shipping Notices (MSN), and Marine Guidance Notices (MGN) available from Mail Marketing (Scotland), Unit 6, Blooms Grove Industrial Estate, Norton Street, Nottingham NG7 3JG)

Statutory Instruments and Instructions for the Guidance of Surveyors available from The Stationery Office

Merchant Shipping Notices

MSN 1665(M) The Merchant Shipping (Fire Protection) Regulations 1998: Fire fighting equipment

MSN 1666(M) The Merchant Shipping (Fire Protection) Regulations 1998: Fixed fire detection alarm and extinguishing systems

Marine Guidance Notices

MGN 31(M) Recommendation on the design and operation of passenger ships to respond to elderly and disabled persons needs

Statutory Instruments

The Merchant Shipping (Emergency Information for Passengers) Regulations 1990. (SI 1990/660)

The Merchant Shipping (Crew Accommodation) Regulations 1997 (SI 1997/1508)

The Merchant Shipping (Passenger Ship Construction): Ships of Classes I, II and II(A) Regulations 1998. (SI 1998/2514)

The Merchant Shipping (Gas Carriers) Regulations 1994 (SI 2464 - as amended)

The Merchant Shipping (Dangerous or Noxious Liquid Substances in Bulk) Regulations 1996 (SI 3010 - as amended)

The Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997 (SI 2367 - as amended)

The Merchant Shipping (Carriage of Cargoes) Regulations 1999 (SI 336)

Instructions for the Guidance of Surveyors

Survey of Crew Accommodation in Merchant Ships – Instructions for the Guidance of Surveyors (ISBN 0 11 552116 X)

Miscellaneous publications

European Council Directive 96/98/EC of 20 December 1996 on Marine Equipment. Amended by Commission Directives 98/85/EC of 11 November 1998 and 2001/53/EC of 10 July 2001. Published in the Official Journal of the European Communities.

Unified requirement F.29 revision 5, 1994. From International Association of Classification Societies.

Airport Services Manual, Part 1- Rescue and Fire Fighting (3rd Edition 1990). Reprinted August 2000 incorporating amendment 1. From International Civil Aviation Organization.

NFPA 12: Standard on Carbon Dioxide Extinguishing Systems, 2000 Edition. Published by National Fire Protection Association, Massachusetts, USA.