

RESOLUTION MSC.217(82)

(adopted on 8 December 2006)

**ADOPTION OF AMENDMENTS TO THE INTERNATIONAL
CODE FOR FIRE SAFETY SYSTEMS**

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

NOTING resolution MSC.98(73) by which it adopted the International Code for Fire Safety Systems (hereinafter referred to as “the FSS Code”), which has become mandatory under chapter II-2 of the International Convention for the Safety of Life at Sea, 1974 (hereinafter referred to as “the Convention”),

NOTING ALSO article VIII(b) and regulation II-2/3.22 of the Convention concerning the procedure for amending the FSS Code,

HAVING CONSIDERED, at its eighty-second session, amendments to the FSS Code, proposed and circulated in accordance with article VIII(b)(i) of the Convention,

1. ADOPTS, in accordance with article VIII(b)(iv) of the Convention, amendments to the International Code for Fire Safety Systems, the text of which is set out in Annexes 1 and 2 to the present resolution;
2. DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention, that:
 - (a) the said amendments, set out in Annex 1, shall be deemed to have been accepted on 1 January 2008; and
 - (b) the said amendments, set out in Annex 2, shall be deemed to have been accepted on 1 January 2010,

unless, prior to that date, more than one third of the Contracting Governments to the Convention or Contracting Governments the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world’s merchant fleet, have notified their objections to the amendments;

3. INVITES SOLAS Contracting Governments to note that, in accordance with article VIII(b)(vii)(2) of the Convention:
 - (a) the amendments, set out in Annex 1, shall enter into force on 1 July 2008; and
 - (b) the amendments, set out in Annex 2, shall enter into force on 1 July 2010,

upon their acceptance in accordance with paragraph 2 above;

4. REQUESTS the Secretary-General, in conformity with article VIII(b)(v) of the Convention, to transmit certified copies of the present resolution and the text of the amendments contained in Annexes 1 and 2 to all Contracting Governments to the Convention;

5. FURTHER REQUESTS the Secretary-General to transmit copies of this resolution and its Annexes 1 and 2 to Members of the Organization, which are not Contracting Governments to the Convention.

ANNEX 1

**AMENDMENTS TO THE INTERNATIONAL CODE FOR
FIRE SAFETY SYSTEMS****CHAPTER 4
FIRE EXTINGUISHERS****Section 3 – Engineering specifications**

- 1 The existing text of paragraph 3.2 is replaced by the following:

“3.2 Portable foam applicators

3.2.1 A portable foam applicator unit shall consist of a foam nozzle/branch pipe, either of a self-inducing type or in combination with a separate inductor, capable of being connected to the fire main by a fire hose, together with a portable tank containing at least 20 l of foam concentrate and at least one spare tank of foam concentrate of the same capacity.

3.2.2 System performance

3.2.2.1 The nozzle/branch pipe and inductor shall be capable of producing effective foam suitable for extinguishing an oil fire, at a foam solution flow rate of at least 200 l/min at the nominal pressure in the fire main.

3.2.2.2 The foam concentrate shall be approved by the Administration based on guidelines developed by the Organization*.

3.2.2.3 The values of the foam expansion and drainage time of the foam produced by the portable foam applicator unit shall not differ more than $\pm 10\%$ of that determined in 3.2.2.2.

3.2.2.4 The portable foam applicator unit shall be designed to withstand clogging, ambient temperature changes, vibration, humidity, shock, impact and corrosion normally encountered on ships.”

* Refer to the Guidelines for the performance and testing criteria and surveys of low-expansion foam concentrates for fixed fire-extinguishing systems (MSC/Circ.582/Corr.1).

**CHAPTER 6
FIXED FOAM FIRE-EXTINGUISHING SYSTEMS****Section 2 – Engineering specifications**

- 2 The existing text of paragraph 2.3.1.2 is replaced by the following:

“2.3.1.2 The system shall be capable of discharging through fixed discharge outlets in no more than 5 min, a quantity of foam sufficient to produce an effective foam blanket over the largest single area over which oil fuel is liable to spread.”

CHAPTER 7

FIXED PRESSURE WATER-SPRAYING AND WATER-MIST FIRE-EXTINGUISHING SYSTEMS

Section 2 – Engineering specifications

- 3 The existing section 2 is replaced by the following:

“2.1 Fixed pressure water-spraying fire-extinguishing systems

Fixed-pressure water-spraying fire-extinguishing systems for machinery spaces and cargo pump-rooms shall be approved by the Administration based on the guidelines developed by the Organization*.

2.2 Equivalent water-mist fire-extinguishing systems

Water-mist fire-extinguishing systems for machinery spaces and cargo pump-rooms shall be approved by the Administration based on the guidelines developed by the Organization*.”

* Refer to the Revised Guidelines for the approval of equivalent water-based fire-extinguishing systems for machinery spaces and cargo pump-rooms (MSC/Circ.1165).

- 4 The following new paragraph 2.3 is added after the existing paragraph 2.2:

“2.3 Fixed pressure water-spraying fire-extinguishing systems for cabin balconies

Fixed pressure water-spraying fire-extinguishing systems for cabin balconies shall be approved by the Administration based on the guidelines developed by the Organization.*”

* Refer to the guidelines to be developed by the Organization.

CHAPTER 9

FIXED FIRE DETECTION AND FIRE ALARM SYSTEMS

- 5 The following new paragraph 2.6 is added after the existing paragraph 2.5.2:

“2.6 Fixed fire detection and fire alarm systems for cabin balconies

Fixed fire detection and fire alarm systems for cabin balconies shall be approved by the Administration based on the guidelines developed by the Organization.*”

* Refer to the guidelines to be developed by the Organization.

ANNEX 2

**AMENDMENTS TO THE INTERNATIONAL CODE FOR
FIRE SAFETY SYSTEMS**

**CHAPTER 9
FIXED FIRE DETECTION AND FIRE ALARM SYSTEMS**

- 1 The following new paragraph 2.1.5 is added after the existing paragraph 2.1.4:

“2.1.5 In passenger ships, the fixed fire detection and fire alarm system shall be capable of remotely and individually identifying each detector and manually operated call point.”
- 2 The existing text of paragraph 2.4.1.4 is replaced by the following:

“2.4.1.4 A section of fire detectors and manually operated call points shall not be situated in more than one main vertical zone.”
