

**ANNEX 1**

**RESOLUTION MSC.436(99)  
(adopted on 24 May 2018)**

**AMENDMENTS TO THE INTERNATIONAL CONVENTION FOR  
THE SAFETY OF LIFE AT SEA, 1974, AS AMENDED**

THE MARITIME SAFETY COMMITTEE,

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

RECALLING ALSO article VIII(b) of the International Convention for the Safety of Life at Sea (SOLAS), 1974 ("the Convention"), concerning the amendment procedure applicable to the annex to the Convention, other than to the provisions of chapter I,

RECALLING FURTHER resolution MSC.421(98), by which it adopted, inter alia, amendments to regulations II-1/1 and II-1/8-1 of the Convention,

HAVING CONSIDERED, at its ninety-ninth session, amendments to the Convention, 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 Convention, the text of which is set out in the annex to the present resolution;

2 AGREES that the amendments to regulations II-1/1 and II-1/8-1 of the Convention, as adopted by resolution MSC.421(98), shall be superseded by the amendments to regulations II-1/1 and II-1/8-1 of the Convention, set out in the annex to the present resolution;

3 DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention, that said amendments shall be deemed to have been accepted on 1 July 2019, 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 the Secretary-General of their objections to the amendments;

4 INVITES Contracting Governments to the Convention to note that, in accordance with article VIII(b)(vii)(2) of the Convention, the amendments shall enter into force on 1 January 2020 upon their acceptance in accordance with paragraph 2 above;

5 REQUESTS the Secretary-General, for the purposes of article VIII(b)(v) of the Convention, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Contracting Governments to the Convention;

6 REQUESTS ALSO the Secretary-General to transmit copies of this resolution and its annex to Members of the Organization which are not Contracting Governments to the Convention.

ANNEX

**AMENDMENTS TO THE INTERNATIONAL CONVENTION FOR  
THE SAFETY OF LIFE AT SEA, 1974, AS AMENDED**

**CHAPTER II-1  
CONSTRUCTION – STRUCTURE, SUBDIVISION AND STABILITY, MACHINERY AND  
ELECTRICAL INSTALLATIONS**

**PART A  
GENERAL**

**Regulation 1 – Application**

1 The following new paragraphs 1.1.1 and 1.1.2 are inserted after the existing paragraph 1.1:

- "1.1.1 Unless expressly provided otherwise, parts B, B-1, B-2 and B-4 of this chapter shall only apply to ships:
- .1 for which the building contract is placed on or after 1 January 2020;  
or
  - .2 in the absence of a building contract, the keel of which is laid or which are at a similar stage of construction on or after 1 July 2020;  
or
  - .3 the delivery of which is on or after 1 January 2024.
- 1.1.2 Unless expressly provided otherwise, for ships not subject to the provisions of sub-paragraph 1.1.1 but constructed on or after 1 January 2009, the Administration shall:
- .1 ensure that the requirements for parts B, B-1, B-2 and B-4 which are applicable under chapter II-1 of the International Convention for the Safety of Life at Sea, 1974, as amended by resolutions MSC.216(82), MSC.269(85) and MSC.325(90) are complied with; and
  - .2 ensure that the requirements of regulations 8-1.3 and 19-1 are complied with."

2 The existing paragraph 1.3.4 is deleted.

3 The existing paragraph 2 is replaced with the following:

"2 Unless expressly provided otherwise, for ships constructed before 1 January 2009, the Administration shall:

- .1 ensure that the requirements which are applicable under chapter II-1 of the International Convention for the Safety of Life at Sea, 1974, as amended by resolutions MSC.1(XLV), MSC.6(48), MSC.11(55), MSC.12(56), MSC.13(57), MSC.19(58), MSC.26(60), MSC.27(61), Resolution 1 of the 1995 SOLAS Conference, MSC.47(66), MSC.57(67), MSC.65(68), MSC.69(69), MSC.99(73), MSC.134(76), MSC.151(78) and MSC.170(79) are complied with; and
- .2 ensure that the requirements of regulations 8-1.3 and 19-1 are complied with."

**PART B-1  
STABILITY**

**Regulation 8-1 – System capabilities and operational information after a flooding casualty on passenger ships**

4 The existing text of regulation 8-1 is amended to read as follows:

**"1 Application**

Passenger ships having length, as defined in regulation II-1/2.5, of 120 m or more or having three or more main vertical zones shall comply with the provisions of this regulation.

**2 Availability of essential systems in case of flooding damage\***

A passenger ship shall be designed so that the systems specified in regulation II-2/21.4 remain operational when the ship is subject to flooding of any single watertight compartment.

**3 Operational information after a flooding casualty**

3.1 For the purpose of providing operational information to the master for safe return to port after a flooding casualty, passenger ships, as specified in paragraph 1, shall have:

- .1 an onboard stability computer; or
- .2 shore-based support,

based on the guidelines developed by the Organization.\*\*

3.2 Passenger ships constructed before 1 January 2014 shall comply with the provisions in paragraph 3.1 not later than the first renewal survey after 1 January 2025.

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\* Refer to the *Interim Explanatory Notes for the assessment of passenger ship systems' capabilities after a fire or flooding casualty* (MSC.1/Circ.1369).

\*\* Refer to the *Guidelines on operational information for Masters of passenger ships for safe return to port by own power or under tow* (MSC.1/Circ.1400) for ships constructed on or after 1 January 2014 but before 13 May 2016, or the *Revised Guidelines on operational information for masters of passenger ships for safe return to port* (MSC.1/Circ.1532/Rev.1) for ships constructed on or after 13 May 2016, or the *Guidelines on operational information for masters in case of flooding for passenger ships constructed before 1 January 2014* (MSC.1/Circ.1589)."

## CHAPTER IV RADIOCOMMUNICATIONS

### PART A GENERAL

#### Regulation 2 – Terms and definitions

5 In paragraph 1, the existing sub-paragraph .16 is amended and new sub-paragraph .17 is added as follows:

".16 *Global maritime distress and safety system (GMDSS) identities* means maritime mobile services identity, the ship's call sign, recognized mobile satellite service identities and serial number identity which may be transmitted by the ship's equipment and used to identify the ship.

.17 *Recognized mobile satellite service* means any service which operates through a satellite system and is recognized by the Organization, for use in the global maritime distress and safety system (GMDSS)."

### PART C SHIP REQUIREMENTS

#### Regulation 7 – Radio equipment: General

6 In paragraph 1, the existing sub-paragraph .5 is amended to read as follows:

".5 a radio facility for reception of maritime safety information by a recognized mobile satellite service enhanced group calling system if the ship is engaged in voyages in sea area A1, or A2 or A3 but in which an international NAVTEX service is not provided. However, ships engaged exclusively in voyages in areas where an HF direct-printing telegraphy maritime safety information service is provided and fitted with equipment capable of receiving such service, may be exempt from this requirement.\*

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\* Refer to the *Recommendation on promulgation of maritime safety information* adopted by the Organization by resolution A.705(17), as amended."

### **Regulation 8 – Radio equipment: Sea area A1**

7 In paragraph 1, the existing sub-paragraph .5 is amended to read as follows:

".5 through a recognized mobile satellite service; this requirement may be fulfilled by:

.5.1 a ship earth station;\* or

.5.2 the satellite EPIRB, required by regulation 7.1.6, either by installing the satellite EPIRB close to, or by remote activation from, the position from which the ship is normally navigated.

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\* This requirement can be met by recognized mobile satellite service ship earth stations capable of two-way communications, such as Fleet-77 (resolutions A.808(19) and MSC.130(75)) or Inmarsat-C (resolution A.807(19), as amended) ship earth stations. Unless otherwise specified, this footnote applies to all requirements for a recognized mobile satellite service ship earth station prescribed by this chapter."

### **Regulation 9 – Radio equipment: Sea areas A1 and A2**

8 In paragraph 1, the existing sub-paragraph .3.3 is amended to read as follows:

".3.3 through a recognized mobile satellite service by a ship earth station."

9 In paragraph 3, the existing sub-paragraph .2 is amended to read as follows:

".2 a recognized mobile satellite service ship earth station."

### **Regulation 10 – Radio equipment: Sea areas A1, A2 and A3**

10 In paragraph 1, the existing chapeau of sub-paragraph .1 is amended to read as follows:

".1 a recognized mobile satellite service ship earth station capable of:"

11 In paragraph 1, the existing sub-paragraph .4.3 is amended to read as follows:

".4.3 through a recognized mobile satellite service by an additional ship earth station."

12 In paragraph 2, the existing sub-paragraph .3.2 is amended to read as follows:

".3.2 through a recognized mobile satellite service by a ship earth station; and"

### **Regulation 12 – Watches**

13 In paragraph 1, the existing sub-paragraph .4 is amended to read as follows:

".4 for satellite shore-to-ship distress alerts, if the ship, in accordance with the requirements of regulation 10.1.1, is fitted with a recognized mobile satellite service ship earth station."

**Regulation 13 – Sources of energy**

- 14 In paragraph 2, the word "Inmarsat" is deleted from the second sentence.

**APPENDIX  
CERTIFICATES**

**RECORD OF EQUIPMENT FOR PASSENGER SHIP SAFETY (FORM P)**

- 15 In section 3, the existing description of item 1.4 is amended to read as follows:  
"Recognized mobile satellite service ship earth station".

**RECORD OF EQUIPMENT FOR CARGO SHIP SAFETY RADIO (FORM R)**

- 16 In section 2, the existing description of item 1.4 is amended to read as follows:  
"Recognized mobile satellite service ship earth station".

**RECORD OF EQUIPMENT FOR CARGO SHIP SAFETY (FORM C)**

- 17 In section 3, the existing description of item 1.4 is replaced by the following:  
"Recognized mobile satellite service ship earth station".

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