

MARITIME SAFETY COMMITTEE  
98th session  
Agenda item 12

MSC 98/12/1  
3 April 2017  
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## SHIP SYSTEMS AND EQUIPMENT

### Fire protection materials and required approval test methods

#### Submitted by the Republic of Korea and IACS

#### SUMMARY

*Executive summary:* Having considered the outcome of SSE 3, the annex to this document provides a proposal to update table 1 of annex 3 to the 2010 FTP Code in order to clarify that the fire protection materials and required approval test methods contained therein also apply to passenger ships carrying not more than 36 passengers

*Strategic direction:* 1.1

*High-level action:* 1.1.2

*Output:* 1.1.2.3

*Action to be taken:* Paragraph 9

*Related documents:* SSE 3/12/4, SSE 3/16 (paragraph 12.16) and MSC/Circ.1120

#### Background

1 In document SSE 3/12/4 (IACS), one of the items brought to the attention of the Sub-Committee on Ships Systems and Equipment (SSE) was that no table within either annexes 3 or 4 to the 2010 FTP Code provides guidance on the requirements for exposed floor coverings applicable to passenger ships carrying not more than 36 passengers (SSE 3/12/4, paragraph 8).

2 IACS considered that the provisions on this matter for passenger ships carrying more than 36 passengers should also apply to passenger ships carrying not more than 36 passengers, and asked the Sub-Committee to confirm whether or not the provisions of table 1 of annex 3 to the 2010 FTP Code are considered also applicable to passenger ships carrying not more than 36 passengers (SSE 3/12/4, paragraph 9).

3 Having considered document SSE 3/12/4, the Sub-Committee agreed that table 1 of annex 3 to the 2010 FTP Code should also be applicable to passenger ships carrying not more than 36 passengers and that the possible solution could be to delete the phrase "carrying more than 36 passengers" (SSE 3/16, paragraph 12.16). However, this possible solution was not reported to MSC 97.

### **Discussion**

4 The products covered by table 1 of annex 3 to the 2010 FTP are governed by the requirements as set out in SOLAS regulations II-2/5 and II-2/6 and the unified interpretation provided in the *Unified interpretations of SOLAS chapter II-2, the FSS Code, the FTP Code and related fire test procedures* (MSC/Circ.1120).

5 There are no differing provisions for "passenger ships carrying not more than 36 passengers" and those "carrying more than 36 passengers" in SOLAS regulations II-2/5 or II-2/6 or in MSC/Circ.1120.

6 In the last column of table 1 of annex 3 to the 2010 FTP Code, which is entitled "Applicable regulation, SOLAS chapter II-2 and HSC Code", reference is made to SOLAS regulation II-2/9.2.2.3 which refers specifically to passenger ships carrying more than 36 passengers, but the "test methods for products" indicated ("A" and "B" class divisions) apply also to passenger ships carrying not more than 36 passengers.

7 Taking into account paragraphs 4 to 6 above, and that the Sub-Committee at SSE 3 agreed that table 1 of annex 3 to the 2010 FTP Code should also be applicable to passenger ships carrying not more than 36 passengers, the co-sponsors propose that table 1 of annex 3 to the 2010 FTP Code is updated as set out in the annex.

8 In addition, the co-sponsors consider that the SOLAS references in the last column of table 1 of annex 3 to the 2010 FTP Code relating to the entries for "Partial bulkheads" and "Fire Door Control System" should be paragraphs "5.3.1.3.1" and "9.4.1.1.5.15" respectively (not paragraphs "5.3.1.2.1" and "9.4.1.1.4.15"). The co-sponsors are of the view that these editorial corrections are necessary as a consequence of the amendments introduced by resolutions MSC.216(82) and MSC.269(85). These corrections are included in the text provided in the annex.

### **Action requested of the Committee**

9 The Committee is invited to consider the foregoing, in particular the proposed amendments to table 1 of annex 3 to the 2010 FTP Code as set out in the annex, and take action as appropriate.

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**ANNEX**

**RESOLUTION MSC.[...]  
(adopted on [...])**

**DRAFT AMENDMENTS TO THE INTERNATIONAL CODE FOR APPLICATION  
OF FIRE TEST PROCEDURES, 2010  
(2010 FTP CODE)**

THE MARITIME SAFETY COMMITTEE,

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

RECALLING ALSO the International Code for Application of Fire Test Procedures (FTP Code) and chapter II-2 of the International Convention for the Safety of Life at Sea (SOLAS), 1974, as amended, hereinafter referred to as "the Convention", which made the FTP Code mandatory under the Convention,

RECALLING FURTHER resolution MSC.57(67) by which it adopted amendments to chapter II-2 of the Convention to make the provisions of the International Code for Application of Fire Test Procedures (FTP Code) mandatory under the Convention for ships constructed on or after 1 July 1998; and resolution MSC.97(73) by which it adopted the International Code of Safety for High-Speed Craft, 2000 (2000 HSC Code) providing for the application of fire test procedures for materials used in the construction of high-speed craft to which that Code applies, in accordance with the FTP Code,

NOTING that the continual development of materials for use in the construction of ships and improvement of marine safety standards since the adoption of the FTP Code necessitated the revision of the provisions of the fire test procedures in order to maintain the highest practical level of safety,

NOTING ALSO resolution MSC.307(88) by which it adopted the International Code for Application of Fire Test Procedures, 2010 (2010 FTP Code),

NOTING FURTHER article VIII(b) and regulation II-2/3.23 of the Convention concerning the procedure for amending the 2010 FTP Code,

HAVING CONSIDERED, at its [...] session, amendments to the 2010 FTP 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 2010 FTP Code the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention, that said amendments shall be deemed to have been accepted on [...] 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;

3 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 [...] upon their acceptance in accordance with paragraph 2 above;

4 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;

5 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<sup>1</sup>

**DRAFT AMENDMENTS TO THE INTERNATIONAL CODE FOR APPLICATION  
OF FIRE TEST PROCEDURES, 2010  
(2010 FTP CODE)**

**ANNEX 3 – TABLE 1**

1 The heading of table 1 is replaced with the following:

**"Table 1 – Fire protection materials and required approval test methods for passenger ships ~~carrying more than 36 passengers~~ and high-speed craft"**

2 In table 1, in the last column "Applicable regulation SOLAS chapter II-2 and HSC Code" and rows one to eight, references "9.2.2.4" and "9.2.2.4.3" are added as follows:

<b>Test method (FTP Code)</b> <b>Specimen (Products)</b>				<b>Applicable regulation</b> <b>SOLAS chapter II-2 and HSC Code</b>
"A" class bulkhead				3.2.3, 9.2.2.3, 9.2.2.4
"B" class bulkhead				3.4.1, 9.2.2.3, 9.2.2.4
"C" class bulkhead				3.10, 9.2.2.3, 9.2.2.4
"A" class deck				3.2.3, 9.2.2.3, 9.2.2.4
"B" class deck				3.4.1, 9.2.2.3, 9.2.2.4
"B" class lining				3.4.1, 9.2.2.3, 9.2.2.4
"B" class ceilings				3.4.1, 9.2.2.3, 9.2.2.4
"B" class continuous ceilings				3.4.1, 9.2.2.3.3, 9.2.2.4.3

3 In table 1, in the last column "Applicable regulation SOLAS chapter II-2 and HSC Code" and row "Partial bulkheads", reference "5.3.1.2.1" is replaced by reference "5.3.1.3.1".

4 In table 1, in the last column "Applicable regulation SOLAS chapter II-2 and HSC Code" and row "Fire Door Control System", reference "9.4.1.1.4.15" is replaced by reference "9.4.1.1.5.15".

<sup>1</sup> Tracked changes are created using "strikeout" for deleted text and "grey shading" to highlight all modifications and new insertions, including deleted text.