

MARITIME SAFETY COMMITTEE
98th session
Agenda item 10

MSC 98/10
15 March 2017
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SHIP DESIGN AND CONSTRUCTION

Report of the fourth session of the Sub-Committee

Note by the Secretariat

SUMMARY

<i>Executive summary:</i>	The Committee is invited to take action on matters emanating from SDC 4
<i>Strategic direction:</i>	As specified in documents considered by SDC 4
<i>High-level action:</i>	As specified in documents considered by SDC 4
<i>Output:</i>	As specified in documents considered by SDC 4
<i>Action to be taken:</i>	Paragraphs 2 and 3
<i>Related document:</i>	SDC 4/16

1 The Sub-Committee on Ship Design and Construction (SDC) held its fourth session from 13 to 17 February 2017 and its report on that session has been circulated under the symbol SDC 4/16.

2 The Committee is invited to:

- .1 adopt the draft Revised Explanatory Notes to SOLAS chapter II-1 subdivision and damage stability regulations and the associated draft MSC resolution, in conjunction with the adoption of the draft amendments to SOLAS chapter II-1 subdivision and damage stability regulations (paragraph 3.29 and annex 1);*
- .2 approve the change of the existing title of output 5.2.1.13 (i.e. "Amendments to SOLAS regulations II-1/6 and II-1/8-1") with "Amendments to SOLAS regulation II-1/8-1 on the availability of passenger ships' electrical power supply in cases of flooding from side raking damage" and extend the target completion year for this output to 2019 (paragraphs 3.31 and 3.33);

* References hereunder are to paragraphs of, and annexes to, the report of SDC 4 (SDC 4/16).

- .3 approve the draft amendments to SOLAS regulations II-1/1 and II-1/8-1 on computerized stability support for the master in case of flooding for existing passenger ships, with a view to adoption at MSC 99, taking into account the check/monitoring sheet and records for regulatory development prepared by the Sub-Committee (paragraph 4.11 and annex 2);
- .4 noting the progress made by the Sub-Committee on the development of draft guidelines on stability computers and shore-based support for existing passenger ships, extend the target completion year for this output to 2018 (paragraphs 4.13 to 4.18);
- .5 endorse the Sub-Committee's view that no further amendments should be developed to SOLAS regulation II-2/13 or chapter 13 of the FSS Code with regard to open decks (paragraph 6.4);
- .6 approve the draft amendments to section 3 of the *Guidelines for damage control plans and information to the master* (MSC.1/Circ.1245) for passenger ships and the associated draft MSC circular (paragraph 7.8 and annex 3);
- .7 note the comments made and decisions taken regarding the development of a consolidated text of the ESP Code (paragraphs 9.4 to 9.6);
- .8 approve the draft Unified interpretations of SOLAS chapter II-1 and the associated draft MSC circular, in conjunction with the approval of the draft Revised Explanatory Notes to SOLAS chapter II-1 subdivision and damage stability regulations (paragraph 10.3 and annex 4);
- .9 approve the draft revised *Guidelines on the means of access to structures for inspection and maintenance of oil tankers and bulk carriers* (MSC/Circ.686) and the associated draft MSC circular (i.e. MSC/Circ.686/Rev.1) (paragraph 10.6 and annex 5);
- .10 approve the draft MSC circular on Unified interpretations of SOLAS chapters II-1 and XII, of the *Technical provisions for means of access for inspections* (resolution MSC.158(78)) and of the *Performance standards for water level detectors on bulk carriers and single hold cargo ships other than bulk carriers* (resolution MSC.188(79)), and the draft corrigendum to MSC.1/Circ.1464/Rev.1 (i.e. MSC/Circ.1464/Rev.1/Corr.2) (paragraphs 10.9 and 10.12, and annexes 6 and 7);
- .11 approve the draft Unified interpretation of SOLAS regulations II-1/2.20 and II-2/3.21 and the associated draft MSC circular (paragraph 10.14 and annex 8);
- .12 note that the Sub-Committee could not reach a conclusion regarding the acceptance for a loading manual and stability information to include a loading condition at a trimmed waterline with a corresponding deadweight that exceeds the even-keel deadweight corresponding to the load line mark in use, and invited interested Member States to bring this issue to the attention of the Committee (paragraph 10.15);
- .13 noting the progress made with regard to the matters related to the design of arrangements and selection of equipment for safe mooring, extend the target completion year for this output to 2019 (paragraphs 11.4 to 11.10);

- .14 approve the draft Interim guidelines for use of Fibre Reinforced Plastic (FRP) elements within ship structures: Fire safety issues and the associated draft MSC circular (paragraph 12.15 and annex 10);
- .15 endorse the Sub-Committee's decision that four years would be a suitable period for Administrations to gather experience in the application of the Interim guidelines for use of Fibre Reinforced Plastic (FRP) elements within ship structures: Fire safety issues, with a view to reviewing them, and maintain the output on "Guidelines for use of Fibre Reinforced Plastic (FRP) within ship structures" on the Committee's post-biennial agenda (paragraph 12.16);
- .16 consider the discussion regarding the second phase of the Polar Code work, with a view to deciding on when the development of the second phase of the Polar Code should begin, its scope of application and its recommendatory or mandatory status, and take action as appropriate (paragraphs 13.4 and 13.5); and
- .17 approve the report in general.

Biennial agenda and provisional agenda for SDC 5

- 3 The Committee is also invited, under agenda item 20 (Work programme), to:
 - .1 approve the biennial status report of the Sub-Committee (paragraph 13.10 and annex 11);
 - .2 with regard to the outputs on the Committee's post-biennial agenda, that fall under the purview of the Sub-Committee, endorse the replacement of the references to "SDC" as the associated organ for output 9 and the coordinating organ for output 42 with "SSE", and addition of "MEPC" as a parent organ for output 32 (paragraph 13.11);
 - .3 approve the proposed biennial agenda for the 2018-2019 biennium (paragraph 13.10 and annex 12); and
 - .4 approve the proposed provisional agenda for SDC 5 (paragraph 13.13 and annex 13).
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