



Briefings of IMO Meeting

SSE 7 (02 -06 March 2020)

BRIEFING STATUS

Flash

No. IMO-0004-2020

(For sub-committee only 1 step as Flash)

Subject: Newsflash of SSE 7

The Sub-Committee on Ship Systems and Equipment (SSE) held its 7th session at IMO HQ from 2 to 6 March 2020. In this regard, please be informed of the main issues and summary of SSE 7 as below. In reviewing this flash, readers should be assured that the outputs written herein are not legally effective until they are adopted as mandatory instruments by MSC.

1. Development of new requirements for ventilation of survival crafts (Agenda 3)

- Agreed that liferafts and partially enclosed lifeboats which allow for them to admit sufficient air at all times to prevent a long term CO₂ concentration of more than 5,000ppm.
- Amendments to Res.MSC.81(70) regarding test requirements for partially enclosed lifeboats ventilation system will be discussed at the correspondence group.

2. Revision of SOLAS Ch.III and LSA Code (Agenda 5)

- Developed a roadmap and a framework with which to approach the revisions to SOLAS Ch.III and LSA Code into a GBS(Goal Based Standard) structure.

3. Review of SOLAS Ch.II-2 and associated codes to minimize the incidence and consequences of fires on o-ro spaces and special category spaces of new and existing ro-ro passenger ships (Agenda 6)



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- Discussed SOLAS amendment for new Ro-Ro passenger ships constructed on or after 1 January 2024.
- Due to the lack of time, only some of the amendments for new Ro-Ro passenger ships were discussed, and other issues for both new and existing Ro-Ro passenger ships will be discussed at the correspondence group.
- Sub-committee agreed that amendments to SOLAS Reg.II-2/20 for the carriage of vehicles using lithium-ion batteries would not only apply to Ro-Ro passenger ships but also Ro-Ro cargo ships, therefore, new output proposal should be addressed.
- Amendments to MSC.1/Circ.1430/Rev.1 was discussed and will go to MSC 103 for approval.

4. Amendments to MSC.1/Circ.1315 “guidelines for the approval of fixed dry chemical powder fire-extinguishing systems for the protection of ships carrying liquefied gases in bulk” (Agenda 7)

- Heptane was considered as a fuel for fire test
- The deletion of the Sodium Bicarbonate prohibition clause as an extinguishing medium will be further discussed at SSE 8.

5. Amendments to FSS Code Ch.9 for fault isolation requirements for cargo ships and passenger ship cabin balconies fitted with individually identifiable fire detector systems (Agenda 8)

- Agreed the amendments to the FSS Code Ch.9 to add a new paragraph 2.1.8, and will go to MSC 103 for approval.



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6. Requirements for onboard lifting appliances and anchor handling winches (Agenda 9)

- Finalised the amendments to SOLAS II-1/2 and II-1/3-13 and will go the MSC 103 for approval
- Finalised the development MSC Circular(Definition, Load test, Demonstration of compliance, maintenance, etc.) for lifting appliances and will go the MSC 103 for approval.
- Guidelines for anchor handling winches will be discussed at the correspondence group.

7. Development of guidelines for cold ironing of ships and of amendments to SOLAS Ch.II-1 and II-2 (Agenda 11)

- "Interim guidelines on the safe operation of onshore power supply service in port for ships engaged on international voyages" was developed and will go to the MSC 103 for approval.

8. Amendments to paragraph 4.4.7.6.17 of the LSA Code concerning single fall and hook systems with on-load release capability (Agenda 12)

- Agreed to amend 4.4.7.6.17 of the LSA Code and will go the MSC 103 for approval
 - where a single fall and hook system is used for launching a lifeboat or rescue boat in combination with a suitable painter, the requirements of paragraphs 4.4.7.6.7, 4.4.7.6.8 and 4.4.7.6.15 need not be applicable, provided that the single fall and hook system does not have the capability to release the lifeboat or rescue boat with a load on the hook when it is not fully waterborne;



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9. Revision of the standardized life-saving appliance evaluation and test report forms (MSC/Circ.980 and Addenda) (Agenda 13)

- Agreed to the revised life-saving appliance evaluation and test report forms(MSC/Circ.980) and will go the MSC 103 for approval

10. Amendments to remove the applicability of the requirements to launch free-fall lifeboats with the ship making headway at speeds up to 5 knots in calm water (Agenda 15)

- Agreed to the amendment to remove the requirements to launch free-fall lifeboats with the ship making headway at speeds up to 5 knots and will go the MSC 103 for approval.

11. Unified interpretation of provisions of IMO safety, security and environment related conventions (Agenda 16)

- Agreed to the unified interpretation clarifying that "isolated pantries containing no cooking appliances in accommodation spaces" are defined as pantries enclosed in an accommodation space and are only accessible for accommodation spaces and the open deck. This will go MSC 103 for approval
- Agreed in principle to the unified interpretation for the requirements of SOLAS Reg.II-2/9.7 for the details of duct penetrations, but considered that a more in-depth technical discussion was required. It will be discussed at the correspondence group.

12. Revision of the guidelines for the maintenance and inspections of fixed carbon dioxide fire-extinguishing system (Agenda 17)



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- Agreed to the proposals to amend the periodical tests so that within a 20-year period all the CO2 cylinders should be tested and alternative cylinders should be provided during the tests. This amendment will go to MSC 103 for approval.

13. Any other business (Agenda 20)

- Amendments to SOLAS II-2 and MSC.1/Circ.1456 addressing fire protection of control stations on cargo ship will be discussed as an agenda at SSE 8.
- Agreed to corrigendum to the MSC.1/Circ.1430/Rev.1 to allow fire and component tests previously conducted in accordance with MSC.1/Circ.1272 to remain valid
- Clarification on the application of the fire protection provisions for incinerators and waste stowage spaces on Res.MEPC.244(66)
 - Agreed to the suggestion to develop a proposal for a new output to amend or delete annex from Res.MEPC.244(66)

P.I.C:

Ye Sung-won / Senior surveyor

Environment & Piping Team

Tel: +82 70 8799 8463

Fax: +82 70 8799 8519

E-mail: piping@krs.co.kr

**General Manager of
Environment & Piping Team**

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