



Briefings of IMO Meeting

NCSR 5 (19 -23 February 2018)

BRIEFING STATUS

Flash

No. IMO-0003-18

(For sub-committee only 1 step as Flash)

Subject: Newsflash of NCSR 5

The Sub-Committee on Navigation, Communications and Search and Rescue (hereinafter referred to as "NCSR") held its fifth session at IMO HQ from 19 to 23 February 2018. In this regard, please be informed of the main issues and summary of NCSR 5 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. Navigation (Agenda items 6, 7, 8, 22 & 10)*

* Agenda 6, 7, 8 and 22 are related to e-Navigation.

GUIDELINES FOR THE HARMONIZED DISPLAY OF NAVIGATION INFORMATION RECEIVED VIA COMMUNICATIONS EQUIPMENT

(Agenda item 6)

- As these guidelines are in conjunction with other incomplete e-Navigation outputs, NCSR 5 agreed to suspend current work and issue the interim guidelines. As soon as 'Maritime service guidelines' and 'S-Mode guidelines' are completed, revision to this interim guidelines will be resumed with reflecting those guidelines.

- With regard to the new module F* of 'Performance standards for INS(Res.MSC.252(83))', NCSR 5 agreed to finish the current work without any revision, taking into the redundancy of these guidelines.

* Display of information received from communication equipment



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□ GUIDELINES ON STANDARDIZED MODES OF OPERATION, S-MODE

(Agenda item 7)

- The draft version of S-Mode guidelines*, developed by informal correspondence group including Republic of Korea and Australia, was discussed and NCSR 5 agreed to operate inter-sessional correspondence group(lead by Australia) for finalizing S-Mode guidelines until 2019.

* Standard format of display and operational method for navigation equipment

- As mentioned at Terms of Reference(ToR) for the correspondence group, the result of 'S-Mode user preference test' and additional research for 'usability test', which are conducted by Republic of Korea, will be reflected at final S-Mode guidelines.

□ DEVELOP GUIDANCE ON DEFINITION AND HARMONIZATION OF THE FORMAT AND STRUCTURE OF MARITIME SERVICE PORTFOLIOS (MSP)

(Agenda item 8)

- For each of the 16 maritime services, the format of maritime service specification to be prepared by the relevant international organizations (IALA, IHO, WMO, etc.) for MSP standardization was decided and requested to be submitted to the relevant organizations.
- NCSR 5 agreed to hold 2nd meeting of IMO-IHO HGDM*(Oct. 2018) for reviewing maritime service specifications submitted by relevant organizations and procedures for approval of maritime services.



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* IMO-IHO Harmonization Group on Data Modeling

UPDATE OF THE IMO E-NAVIGATION STAREGY IMPLEMENTATION PLAN(SIP) (Agenda item 22)

- The revised version of IMO e-Navigation SIP reflecting current situation and some modifications were agreed to request MSC for approval and issue the MSC circular to inform of its update.
- NCSR 5 re-prioritized the 18 e-Navigation tasks from SIP reflecting the current situation*.

* 7 of the 18 tasks are completed, 3 are in progress, and 8 are not submitted. The 3 ongoing tasks (above agenda items 6, 7 and 8) are designated as top priority tasks.

CONSEQUENTIAL WORK RELATED TO THE NEW POLAR CODE (Agenda item 10)

- MSC 97 had instructed the SSE and NCSR Sub-Committees to review, adapt and/or develop the necessary requirements for the equipment and systems on board ships operating in polar waters.
- NCSR 4 had established a Correspondence Group on consequential work related to the Polar Code, under the coordination of Germany, to develop a work plan listing all performance standards and requirements in need of revision and to consider an interim solution.
- NCSR 5 agreed to re-establish the Correspondence Group to draft "General guidance for navigation and communication equipment intended



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for use on ships operating in polar water” as a single solution for covering all relevant equipment.

- The use of the proposed general guidance should be voluntary so far, but may be mandatory in the future and existing approvals should not be impacted and the guidance is expected to be finalized at NCSR 6.

ECDIS issues (Agenda item 22) - Report on monitoring of ECDIS issued by the IHO

- NCSR 3 had agreed to extend the deadline for updating the display and testing standards such as S-52 and S-64, etc. for ECDIS from 1 September 2016 to 1 September 2017 to enable shipowners and operators to update existing systems to meet the current editions, in accordance with the guidance concerning the maintenance of ECDIS software contained in MSC.1/Circ.1503.
- In this respect, III 4 issued a III.2/Circ.2 “Action to be taken by port states on the requested updates of ECDIS” to encourage Port State Control officers to take a pragmatic and practical approach.
- In approving III.2/Circ.2, III 4 had recognized, given that the deadline of the updates of ECDIS being 31 August 2017 had already been exceeded, that the circular, as an interim measure, would require a date of revocation. However, III 4 had been unable to determine a date of revocation of this circular in lack of information to consider when the required updating work of ECDIS would



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be completed.

- After consideration, taking in account the comments submitted by IHO(NCSR 5/22/6), NCSR 5 will recommend III 5 that the III.2/Circ.2 can be revoked as from 1 July 2018.

2. Communications (Agenda items 5, 11, 12 & 14)

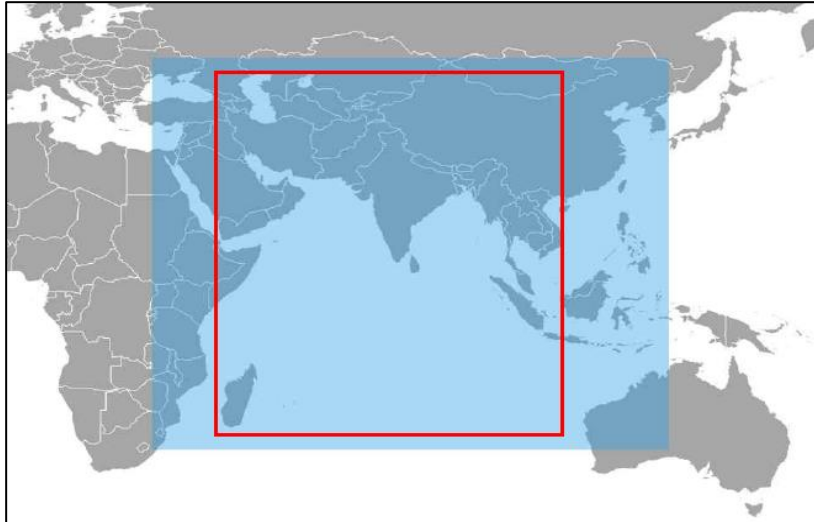
APPLICATION OF THE "INDIAN REGIONAL NAVIGATION SATELLITE SYSTEM (IRNSS)" IN THE MARITIME FIELD AND DEVELOPMENT OF PERFORMANCE STANDARDS FOR SHIPBORNE IRNSS RECEIVER EQUIPMENT

(Agenda item 5)

- MSC 96 agreed to set a new output on Application of the "Indian Regional Navigation Satellite System (IRNSS)" and develop the performance standards for shipborne IRNSS receiver equipment with target completion year 2019.
- IRNSS is an independent regional navigation satellite system developed and operated by India. It is based on WGS-84 and compatible with other existing global radio navigation systems. The IRNSS was deployed on May 2016.

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(IRNSS Service Area)

- In NCSR 5, IRNSS and the proposed performance standards for shipborne IRNSS receiver equipment were generally supported and India will provide further information and detailed date to NCSR 6.

□ REVISION OF SOLAS CHAPTERS III AND IV FOR MODERNIZATION OF THE GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS), INCLUDING RELATED AND CONSEQUENTIAL AMENDMENTS TO OTHER EXISTING INSTRUMENTS (Agenda item 11 & 12)

- MSC 98 agreed to amend SOLAS chapter III and IV for Modernization of the Global Maritime Distress and Safety System(GMDSS), including related and consequential amendments to other existing instruments, with a target completion year of 2021. Amendments to SOLAS chapter III and IV are expected to enter into force on 1 January 2024, provided that they were adopted before



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- NCSR 5 noted the report of the Joint IMO/ITU Expert Group and suggested revisions on SOLAS chapter III and IV and the plan for revision of related instruments.
- With respect to "Application of SOLAS chapter IV", NCSR 5 agreed to retain the existing text of regulation IV/1.1 as preliminary conclusion.
- In addition, with respect to "Scope of application of the existing provisions of SOLAS III/6.2(Radio life-saving appliances)" which is being moved from chapter III to chapter IV, NCSR 5 agreed that the application provisions of SOLAS III/6.2 were the same as for SOLAS chapter IV.
- NCSR 5 also agreed that the relevant SOLAS related forms of Certificates and Records of Equipment should be amended accordingly.
- The work will be continued in an intersessional correspondence group on the Modernization of the GMDSS and the report will be given to NCSR 6.

DEVELOPMENTS IN GMDSS SATELLITE SERVICES (Agenda item 14)

- NCSR 3 considered the application by the United States to recognize and use the Iridium mobile satellite system in the GMDSS.
- NCSR 4 noted that IMSO*, based on the result of the assessment report, was



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satisfied for Iridium as new GMDSS satellite service provider.

* IMSO : International Mobile Satellite Organization

- NCSR 5 discussed the technical and operational assessment of the Iridium, provided by IMSO, before Iridium could be recommended to MSC for final recognition.
- During consideration, Iridium was generally supported as GMDSS satellite service provider, however, some concerns were expressed with respect to the compliance with the requirements of Res.A.1001(25) which need to be fulfilled before Iridium could become fully operational as new GMDSS satellite service provider.
- In conclusion, NCSR 5 decided that no consensus could be reached to this matter and invited MSC 99 to advice further consideration.

3. Search and Rescue (Agenda item 18)

AMENDMENTS TO THE IAMSAR MANUAL (Agenda item 18)

- NCSR 4 considered the proposed amendments to the IAMSAR Manual Volume I, II and III respectively and it contains minor changes on generic term.
(Inmarsat → recognized mobile-satellite communication service)
- Once approved by MSC 99, next edition of the IAMSAR Manual will be



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published in 2019 and, in accordance with the 3-year cycle for updating the IAMSAR Manual, it will remain valid until 2022.

- In accordance with SOLAS V/21.2, all ships shall carry an up-to-date copy of Volume III of the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual. Therefore, Shipowners, Operators and Masters should note that IAMSAR Manual is subject to survey item and ensure that the ship shall carry the latest edition of IAMSAR. [END]

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