

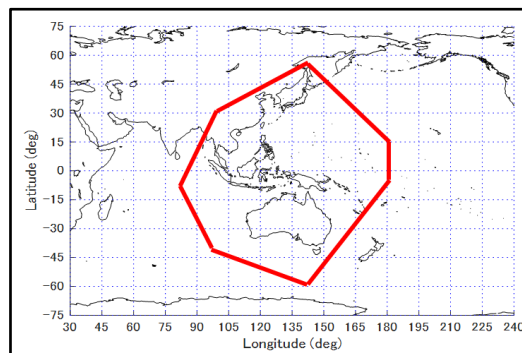
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### Subject: Newsflash of NCSR 8

The Sub-Committee on **Navigation, Communications and Search and Rescue** (hereinafter referred to as "NCSR") held its eighth session remotely from 19 to 23 April 2021. In this regard, please be informed of the main issues and summary of NCSR 8 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 item 4, 5, 8)

- Recognition of the Japanese regional navigation satellite system Quasi-Zenith Satellite System (QZSS) and development of performance standards for shipborne satellite navigation system receiver equipment (Agenda item 4)**
  - It is considered that the document providing information on the Japanese regional navigation satellite system QZSS, and agreed that QZSS could be recognized as a component of the WWRNS(World Wide Radio Navigation System). And it will request to MSC to approve the draft SN circular on recognition of QZSS as a component of the WWRNS.



<The service coverage of QZSS>

- It is agreed the necessity of the generic performance standards for shipborne satellite navigation system receiver equipment and the correspondence group will be established to develop a draft performance standards.



# Briefings of IMO Meeting

*NCSR 8 (19 ~23 April 2021)*

No. IMO-0004-2021

BRIEFING STATUS

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## Safety measures for non-SOLAS ships operating in polar waters (Agenda item 5)

- It is agreed the necessity of applying the Chapter 9 (Safety of Navigation) & 11 (Voyage Planning) of Polar Code to non-SOLAS ships operating in polar waters\* and also amendment of Chapter XIV of SOLAS and Polar Code for this applying. The correspondence group will be established to develop draft amendment of SOLAS and Polar Code.

\* ① Fishing vessels of 24 m and above, ② Pleasure yachts of 300 GT and above not engaged in trade, ③ Cargo ships of 300 GT and above, but below 500 GT

## Revision of the guidelines on places of Refuge for ships in need of assistances(Res.A.949(23) (Agenda item 8))

- It is agreed to re-establish the correspondence group to further develop the draft revision of the Guidelines and to identify what issues should be brought to the attention of the MEPC and LEG committees.

## 2. COMMUNICATIONS (Agenda item 6, 7, 9)

### Revision of SOLAS, Codes and related existing IMO instruments for Modernization of the GMDSS (Agenda item 6, 7)

- Most of the revised work to related IMO instruments for modernization of the GMDSS\* has been completed and it will be approved by 104<sup>th</sup> session of MSC and effected from 1<sup>st</sup> Jan. 2024.

\* The GMDSS, adopted in 1988, has been subject to review and modernization with the aim to adapt to modern communication systems and remove carriage requirements for obsolete systems.

- Main items of amendment of SOLAS Chapter III(Life-saving appliance and arrangements)

- The requirement of Radio life-saving appliances(Two-way VHF radiotelephone and SART) have been moved to Chapter IV(Radiocommunication).



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- Main items of amendment of SOLAS Chapter IV(Radiocommunication)
  - The definition of sea area A3 was previously sea area within the coverage of Inmarsat satellite, but has been changed to sea area within the coverage of the Recognized Mobile Satellite System.
    - ☞ Other satellite systems, except Inmarsat system, can be introduced as satellite system which provide GMDSS service.
  - Revision of regulation to refer to related circular documents without directly specifying the facilities for receiving maritime safety information to be installed on ships
    - ☞ The facilities for receiving maritime safety information to be developed in future(ex. NAVDAT, VDES) can be easily introduced.
  - Correction of the title and scope of application of the existing regulation 8~11 of SOLAS Chapter IV(requirements for installation of radio communication system according to ship`s operating sea area).

Reg.	Previous	Amendment	Reg.	Previous	Amendment
8	Sea area A1	Sea area A1	10	Sea area A1, A2 and A3	Sea area A3
9	Sea area A1 and A2	Sea area A2	11	Sea area A1, A2, A3 and A4	Sea area A4

- ☞ It is expected to clearly apply carriage requirement for individual ship rather than previous by amending each regulation to apply only to each sea area.
- Amendment of SPS Code, 1994/2000 HSC Code and 1979/1989/2009 MODU Code
  - It is agreed to amend the requirements for radio communication system in the same way as SOLAS Chapter IV to be revised.
- Amendment of Resolution, including performance standards for radio communication systems, and related Circulars
  - It is agreed to amend the documents by reflecting SOLAS Chapter IV to be revised and latest technical standards issued by other organizations.



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**Developments in GMDSS services, including Guidelines on MSI (Agenda item 9)**

- The MSI provision service through the Iridium satellite system still have unresolved technical and cost problems, so it is agreed to discuss further solutions at the next session.
- It is agreed to request the IMO Secretariat for updating GMDSS Master Plan in IMO GISIS(Global Integrated Shipping Information System) module so that the latest information on the provision of MSI services through Iridium and Inmarsat satellite system.

[The end]

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