

Paper for consideration by NIPWG 5

NCSR 5 and MSC results relevant for NIPWG work

Submitted by:	NIPWG Chair
Executive Summary:	This paper provides a brief overview of the NCSR 5 and MSC Results which are relevant for NIPWG work
Related Documents:	HGDM Report to NCSR 5
Related Projects:	IMO e-navigation

Introduction / Background

Between the NIPWG 4 and 5 the both the Maritime Safety Committee (MSC99) and the Sub-committee on navigation, communications and search and rescue (NCSR5) met once in May 2017 and in February 2018 respectively.

Analysis/Discussion**MSC:**

The HGDM was tasked by the (MSC 98) to work only on the “Guidance on the definition and harmonization of the format and structure of Maritime Service Portfolios (MSPs).” MSC 99 endorsed the conduction on one meeting which took place in London October 2017 (ref NIPWG 5-46.1).

BeiDou Navigation Satellite System (BDS) was introduced and MSC was invited to instruct NCSR to conduct an evaluation of the detailed information to be provided in due course.

Several regulatory scoping exercised for use of maritime autonomous ships have been conducted and MSC took note.

The Committee was invited include a new output in the agenda of the NCSR Sub-Committee to recognize the Japanese Regional Navigation Satellite System called Quasi-Zenith Satellite System (QZSS) as a future component of the World-Wide Radionavigation System (WWRNS) and develop performance standards for shipborne QZSS receiver equipment.

NCSR:

The current status of the “Guidelines for the Harmonised Display of Navigation Information received via Communication Equipment” has been considered and relations between other outstanding working items (S-Mode and MSPs) detected. Therefore, the meeting decided to postpone the further development until the outstanding work has been completed. An appropriate note will be placed on the cover sheet of the Interim Guidelines.

The Ukraine provided a paper which addressed the integration of VHF/MF/HF DSC in an information display. So far no IMO documents had been developed that required that the DSC information needed to be displayed on navigation equipment. It was agreed to consider incorporating the Ukraine proposal at a later stage, prior to finalizing the guidelines

The Meeting considered the status of the “Guidance on Definition and Harmonization of the Format and Structure of Maritime Service Portfolios (MSPs)”. The work of the HGDM1 meeting was recognised and the meeting agreed on the use of a standardised high-level template. Domain coordinating bodies have been identified and invited to submit descriptions of the maritime services that are within their remit, using the current draft template, to the HGDM 2, until 16 October 2018. The following services have been assigned to the IHO:

- IHO for maritime service No.5 (Maritime Safety Information Service (MSI))
- IHO for maritime service No.11 (Nautical Chart Service)
- IHO for maritime service No.12 (Nautical Publications Service)
- IHO for maritime service No.15 (Real-time hydrographic and environmental information Service)

In discussing a possible way forward, NSCR welcomed a proposal by the delegation of the Netherlands providing a schematic flow chart illustrating the review process for the descriptions of the maritime services using the templates received from domain coordinating bodies, as well as associated draft criteria for each step of the process.



The proposed sequence of the harmonization process can be described as follows:

The Secretariat receives the descriptions of the maritime services from domain coordinating bodies, using the template, and provides them to the HGDM who would undertake the detailed review for subsequent consideration and approval by the NCSR Sub-Committee. The approved descriptions of the maritime service would serve national administrations and service providers as reference for the harmonized implementation of the maritime service in question. If this process was to be agreed to, then criteria needed to be developed describing each step of the process including the responsibilities for the various bodies involved.

The e-navigation implementation plan has been reviewed and several amendments have been proposed.

Justification and Impacts

NIPWG needs to coordinate the IHO submission of the descriptions of the maritime services that are within their remit, using the current draft template. The deadline for submissions to the IMO HGDM is 16 October 2018.

The future inclusion of BeiDou and QZSS in the NIPWG data model should be addressed when the systems have been adopted by MSC.

NIPWG members should consider their participation in future HGDM meetings.

Action required of NIPWG5

The NIPWG5 is invited to:

- a. note this paper
- b. decide which next steps deemed necessary. .