

Paper for consideration by NIPWG 5

Overview of the work status

Submitted by:	NIPWG Chair group
Executive Summary:	Introduction of the current work status
Related Documents:	http://www.iho.int/mtg_docs/com_wg/TOR/SNPWG_TOR.pdf http://www.iho.int/mtg_docs/com_wg/SNPWG/SNPWG_Misc/ProdSpecDevelopment.htm http://wp12183585.server-he.de/npubwiki/wiki/index.php/Main_Page
Related Projects:	S-100 Ed. 3.0.0 and S-100 Ed. 4.0.0 S-122, S-123, S-125, S-126, S-127, S-128

Introduction / Background

The NIPWG is a subsidiary of the Hydrographic Services and Standards Committee (HSSC). The work was subject to HSSC approval.

The primary objectives are to develop and maintain guidance, resolutions and specifications in order to provide shipboard users with the necessary and up-to-date information in a timely manner to allow for the planning of a safe route for the intended voyage and the safeguarding of the ship's navigation throughout the voyage.

Analysis/Discussion

Product Specifications development progress

S-122 (Marine Protected Area) and S-123 (Radio Services)

The product specifications have been completed as schedule. The final draft was provided the NIPWG for review and the comments made have been considered and incorporated if and where appropriate. According to IHO Technical Resolution 2/2007, a survey on the possible impacts of each of these product specifications has been conducted from 1 December 2017 to 31 January 2018.

Both the product specifications and the results of the surveys will be provided to HSSC10 for consideration and for endorsement.

S-125 (Navigational Services)

The S-125 team had developed a matrix which is discussing the involvement of the various stakeholder in providing information on navigational services. This matrix has been forwarded to the S-201 and S-101 developers for consideration. Based on their responses, the team developed a status report which should be discussed by NIPWG5.

The status report could be the basis on which the development o S-125 could be resumed. That, however, depends on the current NIPWG workload and on the prioritisation of work items by HSSC.

S-126 (Physical Environment)

Following HSSC8's advice, the group decided to put the further development of the S-126 (Physical Environment) Product Specification on hold. The S-126 team reviewed the environment information currently provided by S-126, S-101, S-411 and S-412 and developed a spreadsheet on which can further development be built up. The status "on hold" remains until new HSSC advice.

S-127 (Traffic Management)

Based on intensive discussions at HSSC9, the intended outsourcing of the product specification was endorsed and the budget was allocated.

The contract was signed by the end of 2017 and the due dates for the deliverables are:

UML application schema and outline DCEG	End of February 2018 - to be presented at NIPWG5

Complete preliminary specification	End of May 2018 (approximately 2 month after the edn of NIPWG5)
Deadline for IHO comments on the preliminary specification	45 day after delivery of preliminary specification
First baseline version	45 days after receipt of comments
Deadline for IHO to provide materials incorporating or specifying the changes to S-101 decided at the June 2018 S-101PT meeting	30 September 2018
Final version	60 days after receipt of S-101 materials

The first UML application schema was provided to NIPWG members who were involved in the S-127 development for review by mid-January.

The results have been compiled and forwarded to the contractors by the end of January, as scheduled.

S-128 (Catalogue of Nautical Products)

As agreed at NIPWG4, the revised application schema has been provided as scheduled by the end of September 2017. NGA reviewed the schema and provided feedback which is under consideration by the KHOA contractor.

S-100 contributions

The NIPWG proposal on incremental updates has been considered by the S-100WG and will be incorporated into S-100 Edition 4.

At this stage, NIPWG has no need to propose further amendment to S-100 Edition3.

If the future development of NIPWG product specifications may require an S-100 amendment, this will be addressed in an appropriate format through the established channels.

IMO related work

The NIPWG contributed to the IHO submissions for the NSCR and MSC meetings. In addition the group contributed to the IMO NCSR project teams on:

- Draft Guidelines for the harmonized display of navigation information received via communications equipment, and
- harmonized display of information, Module F - Display of information via Communication Equipment

The continuous monitoring of the development of the IMO e-Navigation strategy is one of the main objectives. The NIPWG coordinates the IHO contribution to the Maritime Service Portfolios (MSP) development in particular.

NIPWG Members participated the HGDM (Harmonisation Group on Data Modelling) meeting autumn last year.

Justification and Impacts

The results of the product specification development might invite HOs to consider their way of nautical information provision and encourage them to change the provision to be able to implement this information in future S-100 based ECDIS or GIS applications with no or very few additional efforts.

Action required of NIPWG5

The NIPWG5 is invited to:

- a. note this paper.