

## Paper for Consideration by NIPWG

## NIPWG input into the IHO Strategic Plan and the IHO 3 year work plan

<b>Submitted by:</b>	NIPWG Chair
<b>Executive Summary:</b>	The IHB and HSSC have asked each working group for input into the next IHO Strategic Plan and 3 year work plan which will be decided on at the next IHO Conference/Assembly. This paper seeks input on these matters from the NIPWG and will be presented at the HSSC Chair Group Workshop in June 2016.
<b>Related Documents:</b>	IHO Strategic Plan 2009, Decision #3 of the 5 <sup>th</sup> EIHC, NIPWG Workplan
<b>Related Projects:</b>	

**Introduction / Background**

The XIX International Hydrographic Conference (IHC) is scheduled for April 2017. As part of the advance planning process, the chairs of the various HSSC working groups have been asked to provide input into the next 3 year work programme and the IHO Strategic Plan. The chairs of the HSSC working groups have agreed to meet in June 2016 to help prepare the committee's contribution.

At a high level the 2009 Strategic Plan outlines the objectives of the IHO and the strategic directions as agreed to by the Member States. The development of digital Product Specifications as a basis of products, which probably will replace the carriage requirement for paper products, has been adopted by the HSSC. The activities of the HSSC WGs were acknowledged and supported by the 5<sup>th</sup> EIHC.

This paper has been harmonised with an S-100WG paper on the same topic at the widest possible extent.

**Analysis/Discussion**

In addition, to providing updates to the IHO Strategic Plan, the other focus is to provide input into the next IHO work programme cycle. The yearly work program is reviewed at HSSC, but the underlying work program is tied to the overall IHO work program which is approved at each Conference (Assembly if the new protocols take affect). As a result of the long period of time between overarching work program reports the 5<sup>th</sup> EIHC requested that working groups prepare a biannual report that informs the IHO MS of the following:

1. Current goals and priorities, and
2. Current or expected gaps and needs

The most recent NIPWG report noted the following:

Current goals and priorities	Current or expected gaps and needs	Comments
Populate the NPUBS domain of the FCD Register (work item F.7)	[NEED] improvement of the registry handling	The registry is under construction and improvement comments based on the testing phase experience have been provided
Develop S-122 – Marine Protected Area Product Specification (work item F 8.1)	[GAP] portrayal and data quality parts missing [NEED] harmonization with S-101 data model, feature catalogue builder	Portrayal part is under consideration by the involved WGs, quality model was forwarded to the DQWG for further consideration. The harmonization discussion between the S-100WG/S-101 Project Team and NIPWG is ongoing, the feature catalogue builder is not available
Draft Data Capture and Encoding Guides for Marine Protected Area	[NEED] harmonization with S-101 data model	Both the S-101 and the S-122 data models should be harmonized to

Product Specification (work item J.2.1.1)		the widest possible extent. The next phase is to await the next S-100WG meeting where the DCEG improvements will be discussed
Establish and monitor, in liaison with the S-100WG, the project teams required to specify and develop nautical information layers for use in ECDIS (IHO Task 2.6.2)	[NEED] specification of the intended operation of/between different product specifications	The issue is under consideration by the S-100WG, Unique identifier proposals are under consideration
Develop high level specifications for a combined Marine Service Portfolio (MSP) covering the provision of hydrographic services to mariners in accordance with the IMO e-navigation strategy implementation plan	[GAP] MSP specification	MSPs in their current status of development have not been accepted by the IMO. Further improvements and clarifications are requested and should be provided by mid-2016.
Develop a test and implementation plan for the development of the MSP "hydrographic services" (Work item H)	[GAP] MSP specification	MSPs in their current status of development have not been accepted by the IMO. Further improvements and clarifications are requested and should be provided by 2016. A MSP named "hydrographic services" doesn't exist at the time when this report was been compiled.

However, the fluid nature of different product specifications in development requires that this report will be accommodated every six months.

Therefore it would be helpful if the NIPWG can help to develop what the top 3-5 priorities are of the NIPWG work program, which can then be provided as input into the IHO Strategic Plan and 3-year work programme.

### Conclusions

Based on the outcome of the discussions, the NIPWG chair will prepare a submission to the HSSC Chair Group meeting. The most convenient outcome would be a 3-5 priority items of the NIPWG work programme. Proposals which are focussed on the enhancement of the WG performance and the improvement of the Product Specification development process are very much appreciated.

### Action Required of the NIPWG

The NIPWG is invited to:

- a. note the report,
- b. discuss the priorities of the NIPWG work plan,
- c. provide a priority list and additional items relevant to the IHO Strategic Plan.