

3rd S100WG Meeting Note to S100WG on NIPWG Activities

Submitted by:	NIPWG
Executive Summary:	NIPWG issues requiring acknowledgment or action by the S100WG
Related Documents:	S-100, S-101
Related Projects:	NPUB Product Specifications; S-100

1. NIPWG Meetings

Since the last S100WG meeting, the NIPWG held its 4th meeting in Durham, USA (May 2017) and its 5th meeting in Genova, Italy (March 2018).

2. NIPWG tasks

The work of the NIPWG has two main topics. The first topic focuses on the coordination of IHO contributions to the IMO e-navigation initiative and in particular on the contribution to the Maritime Service Portfolios (MSPs) development. The second topic focuses on the development of product specifications to provide nautical publication information to S-100 based ECDIS and other GIS applications.

The latter is of particular interest for the S100WG.

3. Development of NPUB Product Specifications

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

The work on both Product Specifications has been outsourced and was completed by the end of Sept. 2017. Relevant impact studies have been conducted from 1 Dec to 31 Jan. The Product Specifications will be presented at HSSC10 for endorsement and further action.

S-125 (Navigational Services)

As advised by HSSC8, work on this Product Specification is on hold. Minor work was done in terms of data harmonisation between S-101 and S-201.

S-126 (Physical Environment)

As advised by HSSC8, work on this Product Specification is on hold.

S-127 (Traffic Management)

As agreed by HSSC9, the development work on the Traffic Management Product Specification has been outsourced. The work should be completed by the end of 2018. It is proposed to rename the Product Specification to "Marine Traffic Management" to make the purpose more clear.

S-128 (Catalogue of nautical products)

The development of this product specification is being undertaken by KHOA. The latest development status has been discussed at NIPWG5. The development of this product specification continues.

4. Registry work

Adding data model components to HYDRO Register

All data model components of the completed product specifications have been incorporated into the HYDRO register.

5. Review of NPUB related Feature Types to potential NPUB Product Specifications

The NIPWG considered that an increasing number of ProdSpecs which are under NIPWG development requires review of the matrix which shows which NPUB feature type of the NIPWG data model should potentially belong to which product specification. This review was done during NIPWG5 and is available on the NIPWG wiki site.

6. Review of time information in S-100 and related Product Specifications

The revision of the M-3 resolution on time provision identified issues with the current time information provision in the current S-100 edition. A separate paper which addresses the issues has been provided for consideration.

Action Required – S100WG is invited to:

- a. note this paper.