

**29th TSMAD / 7th DIPWG Meeting
Note to TSMAD/DIPWG on SNPWG Activities**

Submitted by:	SNPWG
Executive Summary:	SNPWG issues that require acknowledgment or action by the TSMAD or DIPWG or the newly formed S100WG and ENCWG
Related Documents:	S-100, S-101, S-122
Related Projects:	NPUB Product Specifications; S-100

1. SNPWG Meetings

Since the last TSMAD meeting the SNPWG held its 17th meeting in Rostock, Germany and its 18th meeting in Cadiz, Spain.

2. Development of NPUB Product Specifications

Set of Context Features

Taking into consideration that Editions 1 and 2 (Edition 2 to be endorsed by the member states in spring 2015) of the S-100 standard don't support the interactivity of different Product Specifications and taking into account that NPUB Product Specifications could be accessed by devices other than ECDIS, the SNPWG investigated which S-101 features would sufficiently present a charted background to the NPUB products. The idea is to extend a core set of context features used by all NPUB product specifications by additional context features which are product specific.

S-122 (Marine Protected Area)

The work on the Marine Product Specification was continued. The application schema experienced several improvements during the last couple of months. These improvements were mostly based on the comparison between the S-101 and the SNPWG data models and after careful considerations by the replacement of the previous SNPWG data model by the S-101 DCEG data model. Depending on the outcome of the S-101 and SNPWG data model harmonisation, further amendments are expected before the ultimate application schema could be presented.

S-123 (Radio Services)

The test data sample is stable. Awaiting the results of the data model harmonisation, the application schema remains unchanged.

Although having achieved a relative high level of completeness, the test data samples are under continuing revision by the SNPWG. The further development of the product specifications depends on the experiences gained during the development of the S-122 and S-123 product specifications.

3. Data model harmonisation

DQWG and SNPWG joint submission

Seeking a harmonisation of the data quality models of S-101 and NPUB products, the DQWG and the SNPWG submitted a common proposal to this TSMAD/DIPWG meeting. The main purpose of this paper is to avoid misinterpretations of the data if several products overlay each other on an ECDIS screen and consequently, to avoid potential reasons of mistrust by the users.

Proposals to the S-101 DCEG

The SNPWG submitted several proposals to extend the data model and to improve the cross harmonisation of the different data models.

In addition, editorial comments on the S-101 DCEG baseline version dated April 2014 were made.

4. Portrayal requirements of S-122 (Marine Protected Area) features

In 2011, the SNPWG contacted initially the DIPWG requesting a portrayal specification of Marine Protected Area features. Due to the heavy workload of the DIPWG this request remained open.

In 2014, the request was brought to DIPWG's attention again. The paper TSMAD24/DIPWG4-08.4A rev1 reflects what is requested of the DIPWG.

The completion of the portrayal section is a necessary precondition for the S-122 product specification development.

5. Information of the renaming of the Working Group and additional tasks assigned to the new Working Group

According to the HSSC6 decision, the SNPWG should be renamed to NIPWG (Nautical Information Provision Working Group). The transition will be made during the next SNPWG meeting to be held in Monaco in June 2015. The focus of the work was extended and is taking the progress of the IMO e-nav strategy into account.

Action Required – TSMAD/DIPWG are invited to:

- a. note this paper,
- b. reconsider the paper **TSMAD24/DIPWG4-08.4A rev1**, and provide an approximate delivery data of the portrayal instructions. ▲

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