

Paper for consideration by SNPWG17

Test plan based on TSMAD

Submitted by:	SNPWG Chair group
Executive Summary:	Opening of a discussion on introducing a test plan for SNPWG ProdSpecs
Related Documents:	http://www.iho.int/mtg_docs/com_wg/TSMAD/TSMAD28_DIPWG6/TSMAD28_DIPWG6-11.2A_S-100_Testbed_SPAWAR_Atlantic.pdf
Related Projects:	S-100 Ed. 2.0.0 S-122, S-123, S-125, S-126, S-127 KHOA Test bed project

Introduction / Background

Before obtaining an official Product Specification status and before being implemented in S-100 Ed. 2.0.0 based ECDIS systems, the SNPWG Product Specification candidates must undergo several tests.

Analysis/Discussion

The TSMAD has initiated a test bed development project. The project was awarded and is being executed by the Space and Naval Warfare Systems Center (SPARWAR Atlantic). The project is divided into 9 phases with different levels of stakeholder involvement. The test bed investigates two overlay scenarios, the simple overlay that lays on top of the base data and the complex overlay interacting directly with the base dataset.

Conclusions

A test bed is important for the correct implementation of Product Specifications in future S-100 based ECDIS machines.

In addition to the conventional functions requested, the NPUB ProdSpec test bed should also focus on the said two overlay scenarios.

Recommendations

The SNPWG has to consider the progress made on this test bed project. Furthermore, the SNPWG should initiate a project which investigates the necessary steps of a test project related to nautical publication product specifications.

Justification and Impacts

The work has impacts on the development of the product specifications. Due to the planned introduction of the S-100 edition 2.0.0 early in 2015, the work does not have the highest priority. Rather, the group should try to build up the necessary knowledge to set up the test bed requirements.

Action required of SNPWG17

The SNPWG17 is invited to:

- a. note this paper,
- b. consider the establishment of a sub-WG on test bed development.