Paper for consideration by S100 TSM

NIPWG Report

Submitted by:	NIPWG Chair
Executive Summary:	Overview on NIPWG work relevant for TSM
Related Documents:	S-100, S-122, S-123, S-127
Related Projects:	S-100, S-122, S-123, S-127

Introduction / Background
NIPWG is invited to report TSM regularly on the topics which are of relevance for TSM work. These reports will be usually provided as short summary and will be presented by the BSH rep. on behalf of NIPWG. a subsidiary of the Hydrographic Services and Standards Committee (HSSC). The work was subject to HSSC

Analysis/Discussion
Product Specifications

S-122 (Marine Protected Area) and S-123 (Radio Services) have received HSSC endorsement and are ready to start the Member State approval process. These Product Specifications are based on Edition 3 of S-100. The future adoption of S-100 Edition 4 is in the works. Necessary amendments of these Product Specifications will be initiated if S-100 Edition 4 has received Member State approval.

S-127 (Marine Traffic Management) is in progress. Currently, version 0.2 is under WG review. The files can be downloaded from the NIPWG Product Specification Website. It is expected to harmonise the S-127 and S-101 data models. The challenge is that the current S-101 edition is still under development and that potential time conflicts in the development schedules between both Product Specifications should be avoided.
This Product Specification will be based on S-100 Edition 4. As decided by HSSC10, and upon confirmation of Council 2, the Product Specification approval process will follow the revised IHO Resolution 2/2007 procedure. That means, version 1 will be used for testing purposes only.

S-128 (Catalogue of Nautical Products) is under development by KHOA at lower priority. The latest version discussed at NIPWG5 needs some important amendments. KHOA is working on that. Further details cannot be provided at this development level.

Following HSSC advice, all other Product Specifications are on hold. They experienced minor improvements but nothing worth being noted by TSM. The TSM will be kept updated if any significant progress needs TSM consideration.

Description of Maritime Services

IMO e-navigation strategy plan introduced the term Maritime Service to describe which information should be delivered through which communication services from the provider to the customer. The description of the information to be provided (Operational Service) and the description of the services to transport this information (Technical Service) will be covered by these said Maritime Services.
HSSC has been assigned the coordination of IHO contribution to NIPWG. Currently, the description of several Maritime Services assigned to IHO and consequently, reassigned to several HSSC WGs is in progress.
How is the S-100 TSM involved? S-100 will be the basis for all Maritime Services under IHO remit.
Furthermore, the Marine Resource Names for the Technical Services have to be defined by IHO. It could be assumed that TSM (or S100WG respectively) will be approached by the IHO Secretariat to provide guidance in S-100 on how to specify these MRNs.

Other items to be noted

M-3 amendments reflecting the current provision of nautical publication have been endorsed by HSSC and are under Member State approval process.

HSSC10 endorsed a NIPWG application on the better description of potential Product Specifications. NIPWG is currently drafting a paper which describes exactly what the intention of a Product Specification, the intended use group, the limitation and interoperability with other Product Specifications and so on will be.
It is intended that HSSC will either endorse this paper or may require amendments. The result will be that HSSC expectations and WG deliverables will match and that no room for interpretation has been left.
It is planned to provide this paper as a potential extension of S-97. The delivery is scheduled for the end of this year.

Registry Work

All data model components of S-122 and S-123 have been registered and endorsed by the Domain Control Body. Currently, the input of the S-127 data model components is in progress and completion is scheduled for the end of September.

Action required of TSM6
The TSM6 is invited to:

   a.   note this report.