

**1st IHO-HSSC Meeting
The Regent Hotel, Singapore, 22-24 October 2009**

Report of the Standardization of Nautical Publications WG (SNPWG)

Submitted by:	David ACLAND, UK
Related Documents:	Minutes of the 10 th SNPWG meeting (23 - 27 Feb 2009), NOAA, Norfolk , USA
Related Projects:	TSMAD S-100

Chair:	David ACLAND, UK
Vice-Chair:	John NYBERG, NOAA, USA until Feb 2009 Jens SCHRÖDER-FÜRSTENBERG, BSH, GE from Mar 2009
Secretary:	Pelle AAGAARD, KMS, DK
Member States:	Argentina, Brazil, Denmark, Estonia, France, Germany, Japan, Republic of Korea, Netherlands, Norway, Sweden, UK, USA (and IHB)
Expert Contributor Organisations:	CARIS, Jeppesen

Meetings Held During Reporting Period

SNPWG10, 23 -27 February 2009, NOAA Norfolk, Virginia, US

SNPWG11, 7-11 September 2009, IHB, Monaco (Future at time of writing report)

Next Planned Meeting

SNPWG12, 21-25 June 2010, JHOD, Tokyo, Japan

Participation

There has been a slight rise in the number of MS represented and some change in individual membership. The attendance of a CARIS representative has also strengthened the group.

The change in membership has come at a time when the work is becoming more technical. This has all lead to a period of discovery and education for most members.

Work Program

Model the data

Work continued up to SNPWG10 to create new features and attributes using the SNPWG Wikipedia. This included making proposals for changes to the features and attributes held in the Hydro Register of the IHO Register. The content of the SNPWG Wiki was offered for agreement by silence procedure closing on March 31st 2009. This produced a number of improvements. The contents were then agreed at the end of April 2009. There have also been further improvements, mostly in format, since April.

Populate the NPUBS Register

Registration of attributes and enumerations in the NPUBS Register of the IHB Registry has continued throughout the year. Proposers do not have the facility to amend invalid entries with the result that population is a slow and inefficient process. However over 95% of attributes, which have been designed in the SNPWG Wiki, have now been registered in the IHB Registry. If minor editorial amendments are made in time, SNPWG11, acting as the NPUBS Register control group, could move to the next step and consider its role in changing these from the invalid to valid state.

Sub-group work

Post SNPWG 9

Sub-groups were set up to work on 3 themes: Feature Data Dictionary (also known as Feature Concept Dictionary); Display Guidelines and Product Specification.

The development of the Feature Data Dictionary started with word files. Following migration of the information onto an SNPWG Wikipedia hosted by Jens Schröder-Fürstenberg, genuine co-operative working became feasible and the pace increased rapidly.

Initial discussions in the Product Specification sub-group lead to the main work at SNPWG10.

The SNPWG discussed Display Guidelines briefly at SNPWG10. A fuller discussion, including the possibility of revised Terms of Reference for SNPWG and DIPWG and cooperation between these two groups, is planned for SNPWG11.

Post SNPWG10

Three different sub-groups were formed at SNPWG 10 and they have been working through the summer to explore the mechanisms to create product specifications for nautical information. SNPWG10 decided to consider three sample items: Pilotage, Waterways and Maritime Protected Area Details. Key West was chosen as an example Port. Sub-groups were briefed that the essential elements of a product specification are an application schema and a feature catalogue. The three sub-groups were charged to create product specifications. Draft product specifications have been produced and will be discussed at SNPWG11. SNPWG Wikipedia has been extended to cover this work as well.

Progress on CHRIS Action Items

No actions received.

Problems Encountered

It has not been possible to progress display considerations. SNPWG believes that the development of standards for the display of nautical information should not be developed in isolation from the DIPWG and that some form of join working will be needed.

Any Other Items of Note

Nil.

Conclusions and Recommended Actions

HSSC1 is recommended to endorse the continued activity of SNPWG.

Action Required of HSSC

HSSC is invited to note this report and endorse the continuance of the Work Plan.

Member ship of SNPWG

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SNPWG Proposed Work Plan

SNPWG Tasks

- A. Decide on the Data Structure of NPs-Data intended for use in ECDIS (NP3)
- B. Define the content requirements of NP data intended for use in ECDIS (NP3)
- C. Test data
- D. Develop basic display rules for NP data intended for use in ECDIS (NP3)
- E. Draft guidance documents
- F. Revise technical resolutions as required
- G. Liaise with other HSSC WG's and other IHO and international bodies

SNPWG Workplan

Task	Work Item	Priority H-high M-medium L-low	Start Date	End Date	Status P-Planned O-Ongoing C-Completed	Contact Person	Affect ed Pubs /Standard	Remarks
B2	Model the data where required.	H	2004	Open	O	Chair/Sec SNPWG	S-100	To be included in NPUBS register
B3	Review of objects and attributes	H	2004	2008	O	Chair/Sec SNPWG	S-100	
B4	Propose amendments for Hydro register to TSMAD	H	2005	Open	O	Chair/Sec SNPWG	S-100	To be included in S-100 registry

B6	Populate the NPUBS Register	H	2006	Open	O	Chair/Sec SNPWG	S-100	
C1	Produce test data set	H	2009	2010	P	Chair/Sec SNPWG		
C2	Set up a test bed ECDIS	M	2009	2010	P	Chair/Sec SNPWG		
D1	Develop basic display rules for NP data intended for use in ECDIS (NP3)	M	2008	2010	O	Chair/Sec SNPWG	S-52	Close co-operation with DIPWG required
E1	Data Capture Guidance	H	2008	Open	O	Chair/Sec SNPWG		Document for NPs similar to Use of the Object Catalog
E2	Draft Product Specification Guidance and Sample	H	2008	2009	O	Chair/Sec SNPWG	S-10X	
F1	Revise technical resolutions	H	2007	2008	C	Chair/Sec SNPWG	M3	
G1	Liaise with the DIPWG for the development of the display rules	H	2005	Open	O	Chair/Sec SNPWG		
G2	Liaise with the TSMAD	H	2004	Open	O	Chair/Sec SNPWG		
G3	Liaise with other groups	H	2004	Open	O	Chair/Sec SNPWG		Tides, MIO's, AML, ICE, Inland ECDIS