

**10th Meeting of the Standardisation of Nautical Publications Working Group (SNPWG)
23– 27 February 2009, NOAA, Norfolk, Virginia**

Report of the Standardization of Nautical Publications WG (SNPWG) to CHRIS 20

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| <i>Submitted by:</i> | David ACLAND, UK |
| <i>Related Documents:</i> | Minutes of the 9 th SNPWG meeting (21 - 25 April 2008), SHOM, Brest, France |
| <i>Related Projects:</i> | TSMAD S-100 |

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| <i>Chair:</i> | David ACLAND, UK |
| <i>Vice-Chair:</i> | John NYBERG, NOAA, USA |
| <i>Secretary:</i> | Steve OFFENBACK, NGA, USA to be relieved by Pelle Aagaard (DE) |
| <i>Member States:</i> | Argentina, Brazil, Denmark, Estonia, France, Germany, Japan, Republic of Korea, Netherlands, Spain, Sweden, UK, USA |
| <i>Expert Contributor Organisations:</i> | Jeppesen |

Meetings Held During Reporting Period

21 - 25 April 2008, SHOM, Brest, France

Next Planned Meeting

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

Work Program

The 3 area based sub-working groups to draft S-100 style nautical information features and attributes have now been closed. This drafting continues in a new single Feature Data Dictionary (FDD) sub-group formed by Germany, UK, Brazil and Argentina. By mid-August, there were 9 information features, 20 nautical information geographic features, and 114 attributes. The number of these that have been agreed by the FDD sub-group continues to rise: information features 3 (33%), geographic features 8 (40%) and feature attributes 79 (69%).

A second sub-group (US, Germany, UK, Korea and Jeppesen) was formed to draft an SNPWG profile of the S-100 product specification paper S-100 part 10. This paper has been forwarded to TSMAD. This group has also drafted an example product specification on the subject of pilotage.

A third group has been formed to work on display guide lines. A paper is in the early stages of drafting.

A fourth sub-group has been formed (US, FR and UK) to act as the control body for the NPUBS register. The Register Manager has drafted criteria for submitting items to the NPUBS register. The plan is for the control body group to approve this in autumn 08 and submit it to the SNPWG in February 09. Meanwhile the control body continues to turn invalid items in the NPUBS register into valid items.

Progress on CHRIS Action Items

Action 19/27.

Action 19/29. Completed for Chris 19

Action 19/30. Complete

Action 19/32. Complete

Problems Encountered

No problems.

Any Other Items of Note

BSH and Jeppesen co-operated in a pilot study into the application of SNPWG Object Model to BSH Sailing Directions. Jeppesen demonstrated that it was possible to convert an extract from BSH Sailing Directions into XML and then republish the data in 3 forms: paper, a data output in a comma separated variable file and as web pages using HTML and PDF outputs. The study also demonstrated the ability to update the XML database and preserve the BSH content in the 3 outputs.

Conclusions and Recommended Actions

CHRIS 20 is recommended to endorse the continued activity of SNPWG.

Action Required of CHRIS

CHRIS is invited to note this report and endorse the continuance of the Work Plan at the current tempo.

Member ship of SNPWG

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| <i>Technical Experts</i> | | | |
| | Jeppesen | Eivind Eik MONG | emong AT jeppesen.com |

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 CHRIS 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 /Stand ard | 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 |

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|----|---|---|------|------|---|--------------------|-------|---|
| 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 | 2009 | O | Chair/Sec SNPWG | S-52 | Close Co-operation with CSMWG required |
| E1 | Data Capture Guidance | H | 2008 | 2009 | O | Chair/Sec SNPWG | | Document for NPs similar to Use of the Object Catalog |
| E2 | Draft Product Specification Guidance and Example | H | 2008 | 2009 | O | Chair/Sec SNPWG | S-10X | |
| F1 | Revise technical resolutions | H | 2007 | 2008 | O | Chair/Sec SNPWG | M3 | |
| G1 | Liase with the CSMWG for the development of the display rules | H | 2005 | Open | O | Chair/Sec SNPWG | | |
| G2 | Liase with the TSMADWG | H | 2004 | Open | O | Chair/Sec SNPWG | | |
| G3 | Liase with other groups | H | 2004 | Open | O | Chair/Sec SNPWG | | Tides, MIO's, AML, ICE, Inland ECDIS |