

**Paper for Consideration by SNPWG18**

**Comparison of Proposed Terms of Reference of the Nautical Information Provision Working Group (NIPWG) with the Current Terms of Reference of the Standardization of Nautical Publications Working Group (SNPWG)**

<b>Submitted by:</b>	US (NGA)
<b>Executive Summary:</b>	Comparison of proposed NIPWG TORs with current SNPWG TORs.
<b>Related Documents:</b>	IHO CL 39/2014. HSSC6-04.2A Report of the Correspondence Group on HSSC WGs' Restructuring. Current SNPWG TOR.
<b>Related Projects:</b>	

**Introduction/Background**

At its 5th meeting, the Hydrographic Services and Standards Committee (HSSC) discussed the restructuring of its working groups to acknowledge the changing focus from paper-based to digital products and services and to best use limited resources. The Committee approved in principle a new structure composed of working groups and project teams and decided the establishment of a Correspondence Group (CG), composed of the Chairs of HSSC, TSMAD, DIPWG, CSPCWG, SNPWG, TWLWG, SCWG, and an IHB representative, to develop draft terms of reference and rules of procedure, and to consider the composition of the new bodies as well as appropriate and timely transition arrangements.

SNPWG has been very proactive over the last two years in changing the focus of its work from specifically-named hard copy products (Sailing Directions, Pilots, Radio Signals, etc.) to digital information based on subject matter (Traffic Management, Marine Protected Areas, Radio Services, Physical Environment, etc.).

**Analysis/Discussion**

As far as SNPWG is concerned, the initial plan envisioned creating a new working group called the Nautical Cartography and Nautical Information Working Group (NCNIWG). The new WG group would have consisted of the following current WGs, either completely or in part:

1. Chart Standardization and Paper Chart Working Group (CSPCWG).
2. Digital Information Portrayal Working Group (DIPWG).
3. Standardization of Nautical Publications Working Group (SNPWG).
4. Transfer Standards Maintenance and Application Development Working Group (TSMAD).

Member States were requested to provide comments to the CG on the proposed new WG structure. The CG reviewed Member States' comments and revised the proposed WG structure. As far as SNPWG is concerned, the revised plan envisions creating a new working group called the Nautical Information Provision Working Group (NIPWG). The new WG group would consist of the following current WGs, either completely or in part:

1. Digital Information Portrayal Working Group (DIPWG).
2. Standardization of Nautical Publications Working Group (SNPWG)
3. Transfer Standards Maintenance and Application Development Working Group (TSMAD).

The CSPCWG will remain as a stand-alone WG for now, subject to an annual review for possible inclusion into the NIPWG.

There is a conflict in the CG document showing how the current WGs would be incorporated into the proposed NIPWG:

1. *Figure 3—Structure Proposed by the Correspondence Group* (Page 10 of the CG document) shows DIPWG, SNPWG, and TSMAD being incorporated into the NIPWG.
2. *Table 1—Transition Arrangements* (Page 11 of the CG document) shows TSMAD and DIPWG being incorporated into the new S-100 Working Group (S-100WG) and the new Electronic Nautical Chart Working Group (ENCWG) but not into SNPWG.

This discrepancy needs to be worked out on the HSSC level.

Annex D of the CG document also envisions the NIPWG to be responsible for the production of a considerable number of IHO documents, as follows:

1. S-12 (Standardization of List of Lights and Fog Signals).
2. S-49 (Standardization of Mariners' Routeing Guides).
3. \* S-101 (ENC Product Specification).
4. \* S-103 (Sub-surface Navigation).
5. \* S-121 (Maritime Limits and Boundaries).
6. \* S-122 (Marine Protected Areas).
7. \* S-123 (Radio Services).
8. \* S-124 (Navigational Warnings).
9. \* S-125 (Navigational Services).
10. \* S-126 (Physical Environment).
11. \* S-127 (Traffic Management).
12. \* S-1xx (Marine Services).
13. \* S-1xx (Digital Mariner Routeing Guide).
14. \* S-1xx (Harbor Infrastructure).
15. \* S-1xx (Social/Political).
16. \*\* S-4 (Symbols, Abbreviations and Terms used on Charts).
17. \*\* INT 1 (Symbols, Abbreviations and Terms used on Charts).
18. \*\* INT 2 (Borders, Graduations, Grids, and Linear Scales).
19. \*\* INT 3 (Use of Symbols and Abbreviations).
20. \*\* S-11 Part A (Guidance for the Preparation and Maintenance of INT Chart Schemes).

*	Project Team with the S-100WG, if required.
**	If and when CSPCWG incorporated into NIPWG.

The Annex is a table with a side-by-side comparison of the new NIPWG TOR with the current SNPWG TOR, along with remarks for each item.

### Conclusions

SNPWG anticipated the HSSC desire to focus on digital production and move away from paper products and has been working on this issue for 2 years. We currently have four test data sets in various stages of completion for modeling purposes.

SNPWG responsibilities will be increasing, based on the planned collaboration to be required with the S-100WG as described in Annex D of the CG document.

### Recommendations

1. Continue developing navigational safety information test data sets for other categories.
2. Prepare for possible interaction with the S-100WG.
3. Keep aware of possible increase WG responsibilities if the CSPCWG is incorporated into NIPWG.

### Justification and Impacts

The work has major impacts on the development of product specifications.

**Action Required of SNPWG18**

The SNPWG18 is invited to:

1. Note this paper.
2. Consider any additions, deletions, or changes to the proposed NIPWG TORs.
3. Notify the HSSC of the conflict in the composition of the proposed NIPWG as shown in Figure 3/Table 1 of the CG document.