

**Paper for Consideration by WEND-WG
RENC Coverage and Overlap Checker**

Submitted by:	PRIMAR
Executive Summary:	This paper provides a description of the functionality and the purpose behind the RENC Coverage and Overlap Checker developed by PRIMAR. With this tool, important IHO organs (IHB, WENDWG, RHCs) will have continues and real-time access to the complete and up-to-date RENC ENC coverage, as well as a being able to perform detailed analyses of overlap within all ENC user bands.
Related Documents:	ENC Coverage and Overlap Checker user manual. WENDWG5-10A
Related Projects:	-

Introduction / Background

During WENDWG 4 it was decided that the RENCs should provide ENC coverage to WENDWG5, action WENDWG4/11, under agenda item 5. This can be done by providing WENDWG access to view the ENC coverage held by the RENCs. A dynamic and continuously updated coverage picture can thus be presented to the WENDWG, to be accessed at all times. This provision of this access to WENDWG from PRIMAR was endorsed by the PRIMAR Advisory Committee in November 2014, and also discussed with and endorsed by IC-ENC during the open session at the same meeting.

Analysis/Discussion

With regards to the objective of the WENDWG, and considering the importance of the RENCs in reaching that objective, it should be important for the WENDWG at all times to have a clear picture of the ENC coverage available through the RENCs. This tool will also give WENDWG the same picture as held by all the RENC's commercial ENC distributors / VARs. Any information available to WENDWG should not be inferior to the information available to parties WENDWG is meant to support.

The tool has functionality for checking and analysing ENC overlaps. Making this tool available to all RHCs (and their International Charting Coordination WGs – ICCWGs) will assist in fulfilling the tasks as laid down in the "GUIDELINES FOR THE IMPLEMENTATION OF THE WEND PRINCIPLES", paragraph 1.7.

The tool will be made available at no cost to all parties designated by WENDWG (IHB, WENDWG Members, RHCs through their designated ICCWG Coordinators¹), as it is based on already existing technology and functionality within PRIMAR. The tool is developed and ready for use. Access to this tool is given on request by PRIMAR, and is password-protected.

Conclusions

When introduced, the RENC Coverage and Overlap Checker might prove a useful tool for both the WENDWG and the RHCs in assessing the ENC coverage held by the RENCs, as well as performing overlap analyses.

Recommendations

It is recommended that the WENDWG accept the offer for this free tool as well as consider the tool's usefulness towards the RHCs.

Action Required of WEND-WG

The WENDWG is invited to:

¹ List maintained by the IHB. See www.iho.int > Standards & Publications > S-11 > INT Charts/ENC Regions Coordinators

- a. endorse the introduction of the RENC Coverage and Overlap Checker to the IHB, the WENDWG and the RHCs through their WENDWG Representatives and their ICCWG Coordinators (if different)