



Hydrographic Services and Standards Committee

Project update by

Singapore

Study on Overlapping ENC

Principal activities and achievements

- ★ At the 4th WENDWG meeting in May 2014, Singapore emphasized that overlapping ENC is a concern to users of ECDIS and therefore need to find technical rather than political solution to resolve overlapping issues in ENCs.
- ★ Singapore proposed developing guidelines and criteria to allow Original Equipment Manufacturers (OEMs) to address them.



Project Update

- ✦ At the 3rd East Asia Hydrographic Commission Charting and Hydrography Committee in July 2014, a Working Group led by Singapore was formed to identify or develop test datasets.
- ✦ It was agreed that interested ECDIS OEMs would be invited to take part in the project through the Comité International Radio-Maritime (CIRM).



Project Update

- ✦ To conduct ECDIS performance tests on the identified test datasets and compile how various ECDIS handle overlapping datasets.
- ✦ From the results, recommended criteria to evaluate and display datasets in overlapping areas, based on the navigational safety importance, would be submitted to the WENDWG for consideration and recommend to the appropriate committee for adoption.
- ✦ The guidelines and criteria could then be implemented by the ECDIS OEMs.



Project Timeline

	09/2014	10/2014	11/2014	12/2014	01/2015	02/2015	03/2015	04/2015	05/2015	06/2015	07/2015	08/2015	09/2015	10/2015	11/2015	12/2015	01/2016
Pilot Project Design (2 months)	█	█															
Call for interested parties to participate (1 month)			█														
Compilation of data on unpredictability of ECDIS display in overlapping areas (2 -3 months)				█	█	█											
Development of test dataset for field testing (3 -4 months)							█	█	█								
Field testing (6 months)										█	█	█	█	█	█		
Preparation and submission of Report and Recommendations to the WEND WG (2 months)																█	█



Action requested of HSSC

- ✦ HSSC is requested to note the Project.

