

6<sup>th</sup> Meeting of the Hydrographic Services and Standards Committee  
Viña del Mar, Chile 11-14 Nov 2014

**Paper for Information by HSSC 6**

**Study on Overlapping ENC**

<b>Submitted by:</b>	Singapore
<b>Related Document:</b>	None
<b>Related Project:</b>	None

**Introduction**

At the 4<sup>th</sup> WENDWG meeting in Nitero, Brazil 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.

Singapore volunteered to develop a proposal for a pilot project using OEM software tools to resolve overlapping ENC data issues. The proposal was then submitted to interested parties in the WENDWG.

**Project Update**

At the 3<sup>rd</sup> East Asia Hydrographic Commission Charting and Hydrography Committee held from 30 Jul to 1 Aug 2014 in Hong Kong, China, Singapore presented the proposal for a pilot project to explore technical solutions to resolve the unpredictable performance of ECDIS caused by overlapping ENC coverage.

A Working Group led by Singapore was formed to identify or develop a test dataset in the Straits of Malacca and Singapore. Datasets in other areas of the EAHC region could also be identified or developed as test datasets. Recognising that for an exhaustive analysis of the issues and identification of possible solutions, EAHC Member States would need to work closely with ECDIS original equipment manufacturers (OEMs). To this end, it was agreed that interested ECDIS OEMs would be invited to take part in the project through the Comité International Radio-Maritime (CIRM).

The work would entail carrying out a series of ECDIS performance tests on the identified test datasets and compiling a list of 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.

**Action Required of HSSC6**

The HSSC is invited to note the Project.