



Report To 6th EAHC Steering Committee on:

7th Charting and Hydrography Committee Meeting
Chaing Mai, Thailand 28 -29 Nov 2018

Presentation by Dr Parry Oei, Chair (CHC)



Participating Member States

1. Brunei Darussalam
2. China
3. Indonesia
4. Japan
5. Republic of Korea
6. Malaysia
7. Philippines
8. Singapore
9. Thailand



Key Reports and Outcomes

- 1) IHO Activities relevant to EAHC MS
- 2) Transition to S-100 Framework
 - a) EAHC S-100 WG
- 3) S-100 Test Bed Project
- 4) East Asia (EA) and South China Sea (SCS) ENC



IHO Activities relevant to EAHC MS

- 1) Japan as Chair of EAHC reported on IHO activities relevant to EAHC and identified 2 key areas:

- a) CATZOC values; and
- b) ENC Overlapping



- 2) EAHC MS Participation at relevant IHO Technical Working Groups

- a) Focus on area of interest to share and drive international technical standards (S-100, NIPWG and DQWG)



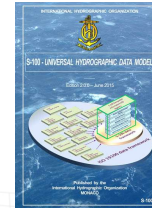
Proposal Framework for EAHC MS to transit from S-57 to S-100

1) ROK's 3-Phase approach as follows:

Phase 1: Understanding the S-100 Concept and Model

Phase 2: Developing Work Procedures, including development of application tools to produce S-101 products

Phase 3: Develop a process to transit to the new standards



2) The plan should also take into consideration the following:

- a) Issue provisional S-101 standards by end 2018/early 2019
- b) Availability of more software companies with S-101 production tools
- c) Need HOs to produce S-101 data for OEM for tests prior to full implementation
- d) Work with TRDC on training programme



Proposal Framework for EAHC MS to transit from S-57 to S-100

3) Target to have EAHC MS to be S-101 ready by 2025

4) Upgrading the EAHC S-100 Study Group to EAHC S-100 Working Group

- a) As the works of the Study Group enters the working phase, the EAHC S-100 Study Group would be renamed to EAHC S-100 Working Group.
- b) Incorporate E-MIO into the S-100 Working Group
- c) MS are strongly encouraged to participate in the WG as EAHC transit to S-100 as a region



Proposal Framework for EAHC MS to transit from S-57 to S-100

5) Propose EAHC S-100 Test Bed Project:

- a) To help EAHC learn and work towards 2025 goal to be S-100 ready, Malacca and Singapore Straits (MSS) ENC could be used as a possible EAHC S-100 Test Bed.
- b) Further discussions with the littoral States of the MSS, Japan and KHOA would be held prior to submit to EAHC SC Meeting as a regional Test Bed Project.



East Asia (EA) and South China Sea (SCS) ENCs

- 1) IHO WENDWG set a "One Year Clock" for RHCs to report on potential high risk areas (i.e. ENC coverage gaps and overlaps)
- 2) EA ENC Coordinator to compile risk assessment results from MS and report to SC
- 3) Due to impasse on ENC Cell EA200003, CHC agreed for the safety on navigation, ENC Cell EA200004 should be released while the remaining cells would be "Work in Progress".



Conclusion

The SC is invited to:

- 1) Note the CHC report.
- 2) Task CHC to identify key areas in IHO technical WG for EAHC to prioritise on.
- 3) Task CHC to craft the detailed proposal to assist MS transit from S-57 to S-100 Framework
- 4) Consider proposal to incorporate MSS ENC as the EAHC S-100 Test Bed Project
- 5) Agree to publish EA ENC Cell no. EA200004



Thank you.

