

**18<sup>th</sup> MEETING OF THE IHO CAPACITY BUILDING SUB-COMMITTEE  
IHO-CBSC22  
Santa Cruz Island - Galapagos, Ecuador, 5-7 June 2024**

**Paper for the Consideration by CBSC22**

**EAHC Report**

<b>Submitted by:</b>	EAHC CB Coordinator
<b>Executive Summary:</b>	This document provides a summary report of the CB activities at EAHC
<b>Related Documents:</b>	EAHC 3-year Capacity Building Work Plan (covers for 2024-2026, to be reviewed annually)
<b>Related Projects:</b>	-

**1. Introduction / Background**

The East Asia Hydrographic Commission (EAHC) is a regional hydrographic commission within the framework of the International Hydrographic Organization (IHO) and active participant in the IHO Capacity Building Sub - Committee (CBSC).

**2. Assessment of Capacity Building Phase Stage of Coastal States**

See Annex.

**3. Activities completed since CBSC21**

- a. IHO Capacity Building Funded
  - EAHC CB work hydrography for disaster mitigation and humanitarian support P-37, conducted in China (hybrid) in September 2023
- b. Others (EAHC's national capacity building activities in 2023)
  - China, conducted 2 seminars:
    - ✓ Electronic chart application training
    - ✓ Maritime surveying and mapping standards tracking study training
  - Malaysia, conducted 2 courses:
    - ✓ Basic Hydrography course
    - ✓ Advance Hydrography course
  - Singapore, conducted 2 internal training sessions:
    - ✓ Cartography
    - ✓ Category B Course
  - Philippines, participated in various events, including attended to:
    - ✓ IC-ENC Technical Conference
    - ✓ EWH Project in NOAA
    - ✓ KHOA Cat B Nautical Cartography
    - ✓ JICA Cat B Hydrography
  - Indonesia, organized and took part in several activities:
    - ✓ Development of a data-centric Database-driven production system in the form of HPD and S-100 Module Training
    - ✓ S-101 Training in collaboration with IC-ENC

- ✓ Internal S-100 Workshop and participated in the Seminar at the IC-ENC Technical Conference
- ✓ Internal Operator Training: Magnetometer, SBP, MBES, Levelling, Wave & Tide Recorder, CTD and SSS
- ✓ JICA Cat B Hydrography (Hybrid)
- ✓ UKHO Cat B Cartography
- ✓ Master Degree from IHMEP in USA
- ✓ Category B certification from AHO Australia
- ✓ Long Course Hydrography Category A in India

#### **4. Activities planned for 2025 - 2026**

- a. Seminar focusing on Interpretation and Enhancement of MSI (Maritime Safety Information)
- b. Training session dedicated to the Production of S-102 Bathymetric Surfaces
- c. Transitioning Nautical Publication Products into S-12x Production
- d. Training workshop aimed at Harmonizing S-10x Products

#### **5. Challenges faced in the region**

- a. The importance of continuous learning and skill development in hydrography and related fields
- b. Lack of funding support
- c. Need of Capacity Building on S-100 implementation

#### **6. Achievements and lessons learned**

EAHC has appointed some new leaders:

- a. Indonesia as EAHC CB Coordinator
- b. Indonesia as TRDC BOD Chair
- c. China as TRDC BOD Vice Chair

#### **7. Conclusions:**

EAHC, along with various international, regional, and bilateral partners, is dedicated to advancing hydrographic, nautical cartographic, and capacity-building endeavors in harmony with the objectives and goals of the International Hydrographic Organization (IHO). It is considered that there is the need for continued capacity building support and technical visits to countries that have not joined the IHO. Aside of it, considering the limited CB fund, voluntary funding and participation of each MS is expected.

#### **8. Actions required of CBSC:**

The CBSC is invited to:

- a. Note the report.
- b. Review this report and take any necessary actions deemed appropriate.

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EAHC CB Coordinator