



25th Conference of the Meso American and Caribbean Sea Hydrographic Commission MACHC25

Capacity Building Committee Report

MACHC25-14.1

MACHC25, November 2024
Panama City, Panama





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International
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OVERVIEW

1. CBSC22
2. MACHC Capacity Building update
3. MACHC Capacity Building Workplan and proposal.





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1. CBSC22 AND CBSC22 INTERSESSIONAL MEETINGS

CBSC22 Intersessional Meeting, VTC 7 February 2024 & CBSC22 Meeting, 10-12 June 2024, Santa Cruz, Galapagos

Items discussed -

- the requirements of the Regional Hydrographic Commissions
- the challenges of the S-100 implementation
- the valuable contributions by the Nippon Foundation, Republic of Korea and the additional support provided by industry and Member States
- the potential for increasing CB support through other avenues



Participants at CBSC22 in Charles Darwin Research Station





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CBSC22 AND CBSC22 INTERSESSIONAL MEETINGS

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Increasing demand for CB support

- RENCs:
 - PRIMAR - Access to the PRIMAR Training portal for 5 nations annually (5 users each). Available to Non-RENC nations. To apply for this please contact CB coordinator for access.
Development of PRIMAR S-100 CB Fund, details to be finalised.
 - IC-ENC – “Opt-in” Fund. Generated funds to support Capacity Building. CB Coordinator will work with IC-ENC to access funds for MACHC Activities.
- IRCC PT on Fund Generation – considering needs and options to support short to medium term requirements and longer-term strategic support.
- [13th Joint IHO/IMO/WMO/IOC/IALA/IAEA/FIG/IMPA Capacity Building \(CB\) Coordination Meeting](#) - 13 and 14 May 2024





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CBSC22 AND CBSC22 INTERSESSIONAL MEETINGS

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IHO eLearning Centre – <https://iho.int/en/> Link on the IHO Website

The **Steering Committee** has been formed ToRs and RoPs.

System Owner - Republic of Korea are continuing to support the eLearning Centre, providing the System Owner.

General Manager – Unfilled. In the absence of a General Manager a phased approach to the Centre develop has been agreed where existing eLearning Material will be hosted or signposted too. A General Managers Group has been formed to undertake some of the tasks.

Developing a flowline to outline the process for submission and approval of material for IHO website for potential contributor.

Request for eLearning Material or details of known eLearning material that can be signposted too – This is now on ongoing Action of MACHC (Statutes).





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CBSC22 AND CBSC22 INTERSESSIONAL MEETINGS

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Empowering Women in Hydrography

Continued support from Member States has seen a number of opportunities being made available

Shom – 2 opportunities hands on hydrographic Surveying experience

- 1 opportunity hands on Oceanographic Surveying experience

Ms. Gabriela Castro (Colombia)

NOAA – 3 opportunities aboard a NOAA hydrographic ship to gain hands-on experience, LT Camila Beltrán Martinez (Colombia)

IC-ENC – eLearning Creation Secondment

IBSC – 4 internships to assist reviewing of standards of competence for hydrographers and cartographers, Ms Julia Wallace (USA)

IHO EWH Mentoring Scheme - Ongoing





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CBSC22 AND CBSC22 INTERSESSIONAL MEETINGS

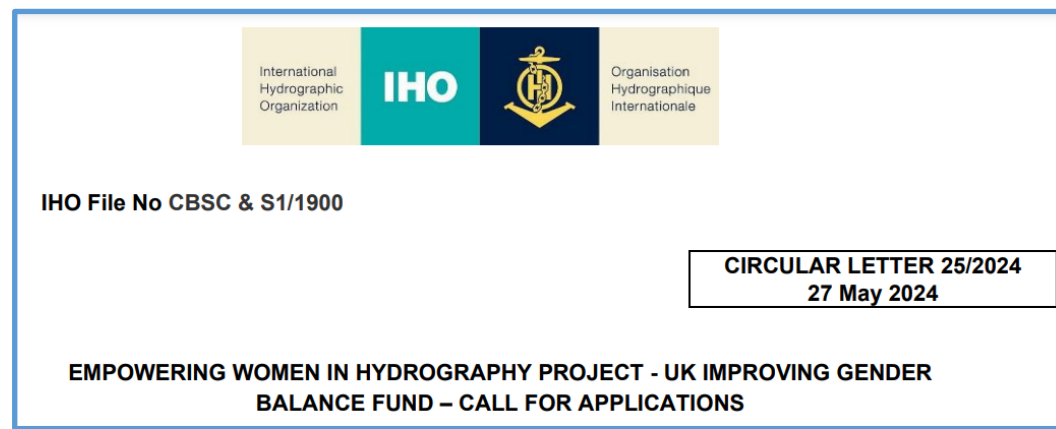
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Empowering Women in Hydrography – Current Opportunities

UK Gender Balance Fund CL 25/2024 to support:

- The active participation by women from across the hydrographic community in the work of the IHO
- Development opportunities for women through exposure to wider events , organizations or project appointments in order to gain skills and experience;
- The progression of more women to leadership positions across all IHO organs
- Attendance at IHO Working Group Meetings
- Attendance at RHCs
- Supporting 4 Internships with IBSC

Application via form in Circular Letter.
No closing date



The image shows the cover page of a circular letter from the IHO. At the top, there is a header with the IHO logo and the text 'International Hydrographic Organization' and 'Organisation Hydrographique Internationale'. Below the header, the text reads 'IHO File No CBSC & S1/1900'. In the bottom right corner, there is a box containing the text 'CIRCULAR LETTER 25/2024' and '27 May 2024'. At the bottom of the page, the text reads 'EMPOWERING WOMEN IN HYDROGRAPHY PROJECT - UK IMPROVING GENDER BALANCE FUND – CALL FOR APPLICATIONS'.





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MACHC CB UPDATE

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2024

- Technical Visit Honduras – Joint mission with IALA proposed for 2025 consideration
- Technical Visit Costa Rica, August 2024 – Report available on IHO website.

Seminar on Raising Hydrographic Awareness, 2 Nov.

60 attendees

- IALA Maritime Digital Services
- IALA Maritime Buoyage System
- Session on developing Hydrographers
- Overview of S-100





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2024

CATEGORY “B” HYDROGRAPHIC SURVEY PROGRAMME SPONSORED BY
THE REPUBLIC OF KOREA (June - November 2024) Busan, KHOA

Mr Devroy Gayle – Jamaica

Mr Victor Rios Rojas – Venezuela

IHO-NIPPON FOUNDATION GEOMAC PROJECT Cat B GeoMAC –
(June – December 2024) UK Hydrographic Office

Ms Yusdaide Pons Castillo - Cuba

Ms Karla Maroly Ortíz Díaz - Venezuela

- marine aa







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MACHC UPDATE - CURRENT IHO OPPORTUNITIES

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IHO CL 34/2024 – call for nominations for MSc Programme in Hydrographic Science, University of Southern Mississippi – ROK

Course Dates: August 2025 - August 2026

2 funded places available for IHO Member States

Details regarding application
Requirements within C/L



IHO File No. S1/3023 & CBSC-1

CIRCULAR LETTER 34/2024
11 September 2024

MASTER OF SCIENCE PROGRAMME IN HYDROGRAPHIC SCIENCE AT THE UNIVERSITY OF SOUTHERN MISSISSIPPI (USA) SPONSORED BY THE REPUBLIC OF KOREA

CALL FOR NOMINATIONS (13th Course, August 2025 - August 2026)

Application deadline 31 December 2024





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IHO OPPORTUNITIES

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IHO Member State opportunities

- Master of Science Programme in Hydrographic Science at the University of Southern Mississippi (USA) - 2 places sponsored by the Republic of Korea (1 year) **[CL05/2024] - Normally invitation in August of previous year**
- GEOMAC courses in Cartography Cat B – UKHO – 7 places sponsored by Nippon Foundation (5 months) **[CL17/2024] - Normally invitation in February**
- Cat B Hydrographic Survey Programme or Cat B in Nautical Cartography – 10 places sponsored by the Republic of Korea (20 weeks) **[CL15/2024] - Normally invitation in February**





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MACHC CB UPDATE

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2025 – IHO Funded Activities

- High Level Visit - Guatemala (May 2025)
- Technical Visit - Bahamas
- Hydrographic Awareness Seminar - to precede MACHC26

Additional Opportunities (wider funding support):

- Tides and Levels Training Course – IC-ENC & IOC (English)
- MACHC S-57 – S101 Conversion and Quality Course (Spanish / English)
- SWAtHC S-57 to S-101 conversion and S-100 production Course (Spanish)





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MACHC CAPACITY BUILDING AND WORKPLAN

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Points to note:

Phase 0 and Phase 1 – Open to Non-IHO Member

Phase 2 and Phase 3 – IHO Members

Cat A and Cat B training – Application via Circular Letter

Timeline for submission

January	Final request for CB Activities to CB Coordinator
April	Submitted via the CB Coordinator to the Capacity Building Sub Committee for consideration
June	Finalised Capacity Building Workplan for following year





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MACHC CB WORKPLAN AND PROPOSAL

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For endorsement:

1. Hydrographic Awareness Seminar
2. Technical Visit - Panama
3. Maritime Safety information Course (MSI)

S-100 support - Wider Funding





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Member States are requested to:

1. Note this report
2. Endorse the proposed MACHC Capacity Building 2026 workplan
3. Note the Continuous action, to consider contributing to the Empowering Women in Hydrography Project
4. Note the Continuous action to consider contributing eLearning Training Material the IHO eLearning Centre

