

**14th MEETING OF THE IHO INTER-REGIONAL COORDINATING COMMITTEE
IHO-IRCC14**

Hybrid-meeting, Denpasar, Indonesia 1-3 June 2022

Report of the Capacity Building Sub-Committee (CBSC)

Submitted by:	Chair CBSC
Related Documents:	/
Related Projects:	/

Chair:	Evert FLIER, Norway
Vice-Chair:	Lucy FIELDHOUSE, UK
Secretary:	Leonel MANTEIGAS, IHO Secretariat
Member States:	Brazil, Chile, France, Germany, India, Indonesia, Iran (Islamic Republic of), Italy, Japan, Latvia, Mexico, Mozambique, Nigeria, New Zealand, Norway, Republic of Korea, Spain, South Africa, Turkey, UK and USA, several of them are representing RHCs as CB-Coordinators.
Expert Contributors:	/
<i>see Annex for full details</i>	

1. Meetings Held During Reporting Period

CBSC20 Intersessional	17 March, VTC.
CBSC20	1 – 3 June 2022, Hybrid, Denpasar, Indonesia

Next meetings:

CBSC21 Intersessional	February 2022, VTC
CBSC21	May/June 2023, Japan
CBSC22	May/June 2024, Ecuador
CBSC23	May/June 2025, Nigeria

2. Work Program

Details of the Capacity Building Work Programme are available at the IHO website (www.iho.int/cbcs). This report provides a summary.

Capacity Building Fund

The Capacity Building Fund receives regular contribution from two sources:

- IHO budget (both regular annual contributions and eventual contributions from budget surplus).
- Donations made by governments, other international organizations, funding agencies, public or private institutions, associations or private individuals in support of IHO Capacity Building initiatives.

The financial situation for 2022, considering the executed and the planned projects is shown in the following table, including in the IHO column the contribution of 80 K€ from ROK to the CBWP non earmarked projects.

	IHO	ROK	Nippon	Total
Balance 2021	416,298.87	417,188.94	265,291.00	1,098,778.81
Income 2022	85,000.00	306,792.00	499,957.00	891,749.00
Expected Surplus from IHO budget	15,000.00			15,000.00
Contribute from ROK (non-earmarked)	80,000.00			
Available for 2022	596,298.87	723,980.94	765,248.00	2,085,527.81
Earmarked 2022	-587,685.00	-439,352.00	-765,248.00	-1,792,285.00
Regular CBWP 2022	8,613.87	284,628.94	0.00	293,242.81
Projects not funded at 2022 CBWP	343,520.00			

Expected balance of the CB Fund available for the 2023 CBWP

	IHO	ROK	Nippon	Total
Expected Balance 2022	8,613.87	284,628.94		8,613.87
Expected Income 2023	65,000.00	*	*	65,000.00
Expected Surplus from IHO budget				0.00
Available for 2023	73,613.87	*	*	73,613.87

Note: the figures above are estimated values.

Proposal PRO-1.7 approved by A-2 established the following regular contribution from the IHO budget to the CB Fund: 125 k€ in 2021, 85 k€ in 2022 and 65k€ in 2023.

The CB Fund does not include the direct contributions from MSs or other organizations. Their significant support either direct or through contributions to the CBWP is a very important part of CB not reflected in the CB Fund, except those from Republic of Korea and Nippon Foundation.

Contribution from Republic of Korea

The Republic of Korea contributes significantly to the CB Work plan. In 2022 ROK maintained the level of the contribution and provided more than 306 K€ for the CBWP. The Programme Management Board (PMB), consisting of representatives from the Republic of Korea (RoK), the IHO Secretariat and the CBSC Chair, coordinated the Korean contribution under the current MoU. Almost all of the contribution is earmarked for designated projects but, in 2022 an additional contribution of 80K€ was made to the non-earmarked activities of the CBWP2022. The major projects currently are the funding of students from IHO Member States for the Category "A" Hydrographic Survey Program at USM, and the Training for Trainers (TFT) project and a Category "B" Hydrographic Survey Program held at KHOA,

Busan, ROK. The programme is being reviewed regularly. In November 2021, twenty-three students completed the Training for Trainers (TFT) programme.

Contribution of Japan through the Nippon Foundation

Japan continues to provide its important contribution through the Nippon Foundation (NF) by funding CB training projects. Replacing the former NF-IHO CHART project, in 2020 a new MoU between NF and IHO was signed, to implement the Nippon Foundation-IHO Geospatial Marine Analysis and Cartography (GEOMAC) Project. The NF provides a financial contribution to the IHO annually to fully fund the NF-IHO GEOMAC Project. The improvement in COVID restrictions allowed the postponed 2020 12th course to be completed in 2022 with the next two courses (13th and 14th) scheduled to commence in August 2022 for completion in December 2022. The NF is substantially funding other projects outside the direct context of the IHO CB.

Contribution of Canada, empowering women in hydrography

The Empowering Women in Hydrography work item, that aims to contribute to more women participate equitably in the field of hydrography and assume leadership roles within the hydrographic community, was approved to be in the Work Programme of the IHO CBSC by the 2nd Session of the IHO Assembly.

Following the signing of the Agreement by CANADA and the IHO which secured funds of up to \$CAD 296,700 funds for the three years (2021-2023), The Empowering Women in Hydrography Project Team met to develop the Work Programme and to identify activities. This first year of the project has seen the following activities being undertaken:

- Development of the EWH Webpage
- 1 internship on the outreach of the EWH project, in the IHO office
- 3 internships related with the review process of submitted programmes to the IBSC, with in-person participation on the IBSC45 Meeting.
- 3 at-sea experiences made available by NOAA.
- Submission to the ‘Call for Decade Actions No. 02/2021’ as part of the United Nations Decade of Ocean Science for Sustainable Development
- Webinar on Gender-balance and empowering leaders
- Women role-models - interviews among volunteer women from all position in the hydrographic community

The second fiscal year of the project has the following activities in its work programme:

- Promotion of the gender-diversity program to Member States during IHO activities
- Continuation of the Outreach project including planned activities.
- Support internships at the IHO Secretariat, at other hydrographic offices, or at-sea activities for operational experience for women.
- Prepare for and host an EWH symposium to be held in conjunction with the IHO Council meeting, which the participants will also attend.
- Integration with other IHO activities (e.g., education).

- Teaming up with other events in the ocean science or maritime domain with gender-equity themes.
- Based on the initial symposium, discuss intended activities and present it to the Inter-Regional Coordination Committee (IRCC) for review.
- Develop a mentoring programme

The success of the project requires other Member States to actively participate and to contribute above and beyond to build on the initial funding from Canada. To understand what progress is made regarding gender diversity within the hydrographic community, it is necessary to understand where Member States stand now. Therefore, the percentage of employees of Hydrographic Offices that are female and the percentage of Women in leadership roles is required.

IHO e-Learning Centre

The IHO e-Learning project Team have held 6 meetings to date and have made significant progress developing and undertaking the first tests of the website. The Group are working on the draft guidelines that focus on the management and structure of the e-Learning Centre. The Republic of Korea has indicated that it may not be able to continue the current level of resource and fund contribution to the e-Learning Centre from 2023. Further development will be impacted until an understanding of the resources required to continue support the system is ascertained.

Contribution from other MS

Several MS provide direct contribution or support for IHO CB activities. This can be among other the provision of facilities, trainers, other personnel, advice, etc.

The CB programme depends on these contributions to the CB programme. Other MS provide support on a bilateral or multilateral level outside the CB programme. This additional support helps to build wider capacity building in hydrography. To improve the visibility of the contribution from MS outside the CB fund and to harmonize the efforts even better, MS are requested to inform their relevant CB Coordinators or the CBSC Secretary about planned, ongoing or executed activities so that they can be included in the IHO CB Calendar.

IHO Capacity Building Strategy

The CBSC has adjusted the Capacity Building Strategy which is now aligned with IHO Strategic plan 2021-2026. The Strategy has been amended to include Phase 0 addressing hydrographic governance and the addition of a 5th step, Monitoring of Effectiveness (MoE), to the existing 4 steps of CB (Awareness, Assessment, Analysis and Action). CBSC will ask IRCC to approve the new strategy. The CB Strategy can be found at **Annex A**

Capacity Building Work Programme 2022

The WP for 2022 was updated in the CBSC20 Intersessional Meeting. It is expected that several activities will not be completed due to the COVID-19 pandemic and the number of

activities that have been carried over from previous workplans. To assist in their completion the CB Coordinators will seek delivery by alternative methods where possible. At CBSC20 it was agreed that funded activities from the 2022 plan that are not completed will be carried into CBWP23. Those not funded will be cancelled.

Capacity Building Work Programme 2023

The submissions from the RHCs have been prioritized based on procedure 4 and adjusted according to Procedure 11 at CBSC20. To meet the requirements of all submissions would require funds of 1,142,985 €. The funds allocated to the Work Programme currently stand at 75,000 €.

Publication C-55

C-55 is an important external IHO document, used by IMO as source for the status of survey and cartography worldwide in supporting the IMSAS programme. and will also be a source of data in measuring the Strategic Performance Indicators (SPI) that will measure progress against the IHO Strategic Plan 2021-2026. A new C-55 Project Team has been established to focus on the content of C-55 to better reflect both the requirements for safety of navigations and the use of hydrographic data for non-navigational purposes. Once the content is agreed upon, the technical solution required to collect, manage and display this data will need to be developed in collaboration with the IHO Secretariat.

3. Progress on IRCC Action Items

No Actions from IRCC13 were allocated to CBSC.

4. Problems Encountered

Limited CB Fund

Capacity Building in Hydrography is a core strategic activity for the IHO. CB is executed on many different levels; by individual nations having their own CB program, through earmarked projects generously sponsored by the Republic of Korea and by the Nippon Foundation in Japan and through the activities funded by the IHO budget. The appeal of the CBSC to ascertain a minimum level of funds for this last category has led to a significant attention and fruitful discussions on all levels of the IHO. However, the available means and resources to implement the CB strategy are limited with the funds approved for the CBWP 2022 and 2023 severely reduced.

Completion of CBWP

Due to impact of the COVID pandemic on the workplans of 2020 and 2021 a significant number of funded activities have been carried into the 2022 workplan. It is believed that many

of these will remain uncompleted by the end of the year due to the pressures on resources and time and will need to be carried into workplan for 2023. The long-term impact of the COVID on the workplan is not fully known.

5. Any Other Items of Note

None

6. Conclusions and Recommended Actions

CBSC20 was a successful meeting where we have seen an increase in delivery and planning of CB activity within regions as the world is moving to a post pandemic phase, recognising that some regions are still impacted by pandemic limitations.

Discussion at CBSC20 highlighted the importance of engagement at the correct levels to build awareness of the importance of Hydrography. This supports the inclusion of Phase 0 to the IHO CB Strategy which focusses on the needs for the development of Hydrographic Governance. Engagement with the correct stakeholders, on a ministerial level, is vital for the successful delivery of Technical and High-Level Technical Visits and the recipients of Technical Visits are reminded that their assistance in identifying these stakeholders is critical.

7. Justification and Impacts

Detailed information and justifications for the proposed actions or recommendations are provided in the report under paragraph 2 and 4.

8. Action Required of IRCC

The IRCC is invited to:

- a. note the report,
- b. approve the IHO CB Strategy
- c. request the IHO Secretariat to determine the percentage of employees of Hydrographic Offices that are female and the percentage of Women currently in leadership roles
- d. note the significant effort from CB Coordinators to assess the needs in the region, to identify national and regional projects that may contribute to the CBWP and to coordinate the support for countries in need.
- e. take any further action as seen appropriate.