

**20<sup>TH</sup> MEETING OF THE CAPACITY BUILDING SUB-COMMITTEE  
(CBSC-20)**

**Denpasar, Bali, Indonesia, hybrid event, 1 – 3 June**

**Contribution to the IHO Work Programme 2022**

Task 3.3.1	Organize, prepare, and report annual meetings of CBSC
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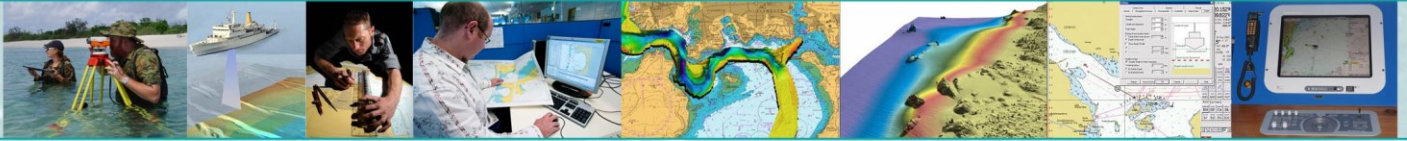
The 20<sup>th</sup> meeting of the Capacity Building Sub-Committee (CBSC) was held in Denpasar, Bali, Indonesia, in a hybrid format from 1 to 3 June 2022, hosted by Pushidrosal, the Hydrographic and Oceanographic Centre of the Indonesian Navy.

The meeting was chaired by Mr Evert Flier (Norway) and attended by 50 registered participants 22 in person and 28 by VTC, from 23 Member States. The IHO Secretariat was represented by Director Luigi Sinapi and Assistant Director Leonel Manteigas in-person.

VAdm Nurhidayat, Chief Hydrographer of Pushidrosal, welcomed the participants in Bali and highlighted the importance of this meeting considering that several Capacity Building programmes and activities such as training, Category A and B courses and technical visits in each RHC, were delayed in implementation for the past two years due to the outbreak of Covid-19. He informed the participants that this international event was strongly supported by the Indonesian Government in view of the relevance of the subject matter of the Committee. On behalf of the IHO Member States and IHO Secretariat, Director Luigi Sinapi expressed his gratitude to the Indonesian Navy and Pushidrosal for hosting such important IHO meeting, highlighting the resilience and ability of the CBSC members and Capacity Building regional coordinators to deal constructively with the challenges of the pandemic and the smooth running of the CB activities over the past two years.

The Sub-Committee recognized that in 2022 the CB Fund received the regular contribution from the IHO budget (both regular annual contributions and eventual contributions from budget surplus) and donations made by governments, particularly from the Republic of Korea (ROK), Nippon Foundation and Canada. In 2022, ROK assured an additional contribution of 80K€ for the non-earmarked activities of the CBWP2022.

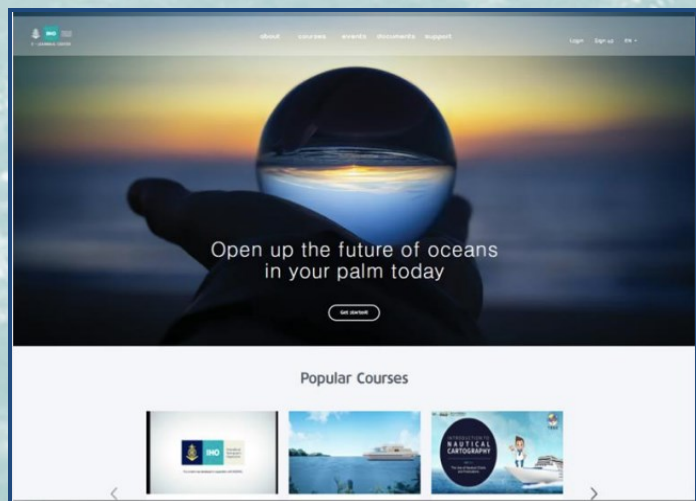
The CB finance situation could be more difficult in 2023 with the expected reduction of the non-earmarked funds, so it was recognized that it will be very important to share resources and projects and invest in the remote activities. The meeting discussed the 2023 CB Management Plan (CBMP). Considering the projects with the highest score after the evaluation process and the funding available, the projects to be funded were selected and the 2023CBWP was approved by the Sub-Committee. 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 into the IHO CB Strategy which focusses on the awareness of the importance to develop 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.

The Sub-Committee noted the high number of courses sponsored by Nippon Foundation and Republic of Korea. The improvement in COVID restrictions allowed the postponed 2020 - 12th course of the GEOMAC Project to be completed in 2022 with the next two courses (13th and 14th) scheduled to commence in August 2022 for completion in December 2022 held at the UKHO and sponsored by the Nippon Foundation. Furthermore the regular execution of the Category "A" Hydrographic Survey Program at USM, sponsored by ROK, and the Training for Trainers (TFT) project and a Category "B" Hydrographic Survey Program held at KHOA.

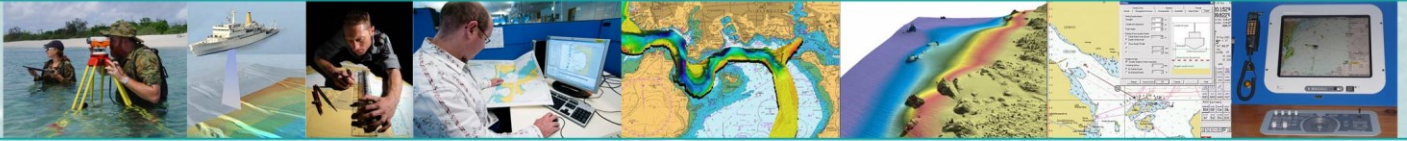
The IHO e-Learning Project Team (PT) have held six meetings to date and have made significant progress developing and undertaking the first tests of the website. The PT is working on the draft guidelines that focus on the management and structure of the e-Learning Centre. The Republic of Korea has indicated 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 supporting the system is ascertained.



*IHO e-Learning center website – <http://elearning.iho.int>*

KHOA reported on the Capacity Building Management System (CBMS), which will be ready for the experimentation phase from 1 July 2022 for CB coordinators to test the system and report if they face difficulties until the end of the year.

During the first year of the Empowering Women in Hydrography (EWH) project, all the planned activities were successfully conducted: development of the EWH webpage, one internship on the outreach at the IHO Secretariat, three internships related with the review process of submitted programmes to the IBSC, the planning of three at-sea experiences made available by NOAA, the submission to the 'Call for Decade Actions No. 02/2021' as part of the United Nations Decade of Ocean Science for Sustainable Development, a webinar on Gender-balance and empowering leaders and women role-models interviews among women volunteers from all position in the hydrographic community. The success of the project requires other Member States to actively participate and to contribute above and beyond the initial funding from Canada. To understand what progress is made regarding gender diversity within the hydrographic community, it is necessary to identify the current status within Member States. It was therefore proposed to inquire the percentage of



employees of Hydrographic Offices that are female and the percentage of women in leadership roles.

CBSC recognized that 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) of 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 navigation 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.

The CBSC 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 fifth step, Monitoring of Effectiveness (MoE), to the existing four steps of CB (Awareness, Assessment, Analysis and Action). CBSC will ask IRCC14 to approve and endorse the new strategy for adoption at the 3<sup>rd</sup> Session of the IHO Assembly.

The CBSC-20 meeting was the first in person gathering after two years of pandemic, offering opportunities to participants to debate and discuss in the margins. The participants unanimously applauded Pushidrosal for their hospitality and the excellent hosting arrangements.

The Sub-Committee decided to have an Intersessional Meeting in February 2022 and welcomed the confirmation from Japan for its offer to host CBSC-21 in Tokyo, in 7-9 June 2023. The offers by Ecuador, for hosting CBSC-22 in May/June 2024 and the offer by Nigeria, for hosting CBSC-23 in May/June 2025 were also noted.



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*Participants of CBSC-20*