

**18TH MEETING OF THE IHO-CAPACITY BUILDING SUB-COMMITTEE
IHO CBSC16
ONLINE, 2-3 JUNE 2020**

Report of the IHO Secretariat

Submitted by:	IHO Secretariat
Executive Summary:	This paper provides a summary report of matters of interest related to the work of the IHO Secretariat.

Status of Membership of the IHO

1. Solomon Islands, Ghana and Samoa became the 91st, 92nd and 93rd Member States of the IHO during the report period. This has been achieved with strong support of the CBSC and the CBWP. In 1 January 2018 Dominican Republic was reinstated as Member State, suspended since 1983. Serbia, Syria, Democratic Republic of the Congo and Vanuatu remain suspended.

IHO Outreach

2. World Hydrography Day. The theme of World Hydrography Day (WHD) 2020 is "*Hydrography - enabling autonomous technologies*". The theme highlights the pivotal role of hydrography in autonomous technologies. Autonomous platforms such as autonomous surface vehicles (ASV), autonomous underwater vehicles (AUV) and Lidar-equipped unmanned aerial vehicles (UAV), such as drones can be used to conduct hydrographic surveys. In doing so, hydrography provides a testing ground for these technologies, while at the same time increasing the coverage of properly surveyed areas. The background briefing is available at: <https://iho.int/en/world-hydrography-day>

3. International Hydrographic Review (IHR). The IHR provides an ideal opportunity for Regional Hydrographic Commissions and Member States to publicise technical and other achievements in the region. An editorial board comprising a representative from each region has been established. Papers for consideration for publication in the IHR should be forwarded directly to the Editor, Capt (ret) Brian Connon (ihreview@iho.int, copy to brian.connon@usm.edu). The deadlines are:

- End of January for the May Edition;
- End of July for the November Edition.

Capacity Building Programme

4. The level of activity of the IHO Capacity Building (CB) Programme remained at the same level as in 2019. Expenditure in the IHO 2019 CB Work Programme (CBWP) was 872 832 Euros, 1% smaller than the budget for the previous year. Ongoing financial support is provided by the Nippon Foundation of Japan, the Republic of Korea and by a contribution from the IHO budget with in-kind support from Member States and from industry stakeholders. The Secretariat is continuing its campaign to find additional donor States and funding organizations. In 2019, 91% of the budgeted work program was executed and paid for. However, considering the growing demands for IHO Capacity Building activities, more funds and contributions are required. More information is provided in the CB Fund Report (doc. CBSC18-09.2).

IHO Secretariat Infrastructure

5. The IHO Secretariat works to improve the support to the execution of the CBWP by contributing to the development of the CB Management System (CBMS, see doc. CBSC18-08.2) and by improving the IHO GIS and the IHO CIS, with the kind contribution from the RoK and from Japan.

6. The Secretariat is working with the C-55 Review Project Team to establish a harmonized and consistent process to update C-55 using CATZOC (see doc. CBSC18-03B).

7. The use of the IHO Online Form System, currently used for updating C-55 and P-5, is being investigated to support the update of the IHO Publication C-47 (Training Courses in Hydrography and Nautical Cartography) with promising results. The work is being supported by the intern Ms Carolina H. Costa Neves, currently working in the Secretariat on an unpaid basis. Ms Costa Neves is also working on an assessment of inland water bodies around the worlds.

8. The IHO Secretariat also received an intern supported by the Nippon Foundation of Japan for two months in the beginning of 2020. Ms Zhiying Zhang, from the University of Tokyo, compared the IHO CB Strategy with other international organizations, expanding the work of Ms Yulina Hane in 2014. Ms Zhang also developed a scoping study for a project on a concept for sustainable development of inland waterways in Africa. The reports of both interns (Ms Zhang and Ms Hane) are available as documents CBSC18-07A1 and 07A2.

9. A server has been established in the Secretariat to host online training material. The online material developed by the Tides, Water Level and Currents Working Group (TWCWG) is already available at:

<http://cb.iho.int/Index.htm>

Action Requested of CBSC

10. CBSC is invited to:

- **Note** this report,
- **Take any actions** as considered appropriate.