

**11th MEETING OF THE IHO INTER-REGIONAL COORDINATING COMMITTEE
IHO-IRCC11
Genoa, Italy, 3-5 June 2018**

Report of the Capacity Building Sub-Committee (CBSC)

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

Chair:	Thomas Dehling, Germany
Vice-Chair:	Lamberto Lamberti, Italy
Secretary:	Alberto Costa Neves, IHO Secretariat
Member States:	, Brazil, Chile, France, Germany, India, Iran (Islamic Republic of), Italy, Japan, Latvia, Mexico, Mozambique, Nigeria, New Zealand, Norway, Republic of Korea, 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

CBSC 17 – 29 May – 31 May 2017, Genoa, Italy.

Next meetings:

CBSC18	27-29 May 2020	Poland, tbc
CBSC19	14 -16 June 2021	Monaco, tbc by IRCC
CBSC21	May/June 2022	Galapagos, Ecuador, postponement tbc
CBSC22	May/June 2023	Japan, postponement tbc

2. Work Program

Details of the Capacity Building Work Programme are available at the IHO website (www.iho.int/cbsc). 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). For 2019 the IHO Secretariat was not in a position to provide a budget surplus to the CB Fund.

- 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 2019, considering the executed and the planned projects is shown in the following table, including the reduced contribution from the IHO budget of 116 K€ instead of 206 T€:

	IHO	ROK	Nippon	Total
Balance 2018	152 648,89	-1 776,72	0,00	150 872,17
Income 2019	116 000,00	398 982,00	194 514,00	709 496,00
Surplus from IHO	0,00	-	-	0,00
Available resources	268 648,89	397 205,28	194 514,00	860 398,17
Expenditures planned in 2019 (old)	-344 944,00	-466 500,00	-194 514,00	-1 005 958,00
Reduce Expenditures in 2019 by CBWP (new)	-76 126,00	≈ 70 000,00		≈ 146 000,00
Balance <u>expected</u> 31/12/2019	0,00	0,00	0,00	0,00

Expected balance of the CB Fund available for the 2020 CBMP

	IHO	ROK	Nippon	Total
Expected Balance 2019	0,00	0,00	0,00	0,00
Expected Income	116 000,00	360 000,00	194 514,00	670 514,00
Surplus from IHO	0,00			0,00
from CB admin fund (not regularly)	60 000,00			60 000,00
Available for 2020	176 000,00	360 000,00	194 514,00	730 514,00
Earmarked 2020	0,00	360 000,00	194 514,00	554 514,00
Regular CBWP 2020	176 000,00	0,00	0,00	176 000,00

Note: the figures above are estimated values.

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.

An action was agreed during the meeting to the CB Coordinators to invite countries in their regions to identify contributions (including cost estimates) to the CBWP that are currently not accounted for.

Contribution from Republic of Korea

The Republic of Korea contributes significantly to the CB. In 2019 ROK provided almost 400 T€ for CB. 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. 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.

Contribution of Japan through the Nippon Foundation

Japan continuously provides its important input through the Nippon Foundation (NF) by funding CB training projects. In line with the MoU between NF and IHO, the IHO has implemented the Nippon Foundation-IHO Cartography, Hydrography and Related Training (NF-IHO CHART) Project. The NF has provided a financial contribution to the IHO to fully fund the NF-IHO CHART Project. The NF is substantially funding other project outside the direct context of the IHO CB.

Contribution from other MS

Several MS provide direct input or support for IHO CB activities. This can be a.o. the provision of facilities, trainers, other personnel, advice ...

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. That also helps to support CB 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.

Capacity Building Work Programme 2019

The WP for 2019 has been updated. With the lacking additional contribution from an eventual IHO surplus a number of activities already planned had to be cancelled. A reallocation of a part of the funds to other, more important events submitted for 2020 has therefore not been possible. This was done in former years and had improved prioritization.

Capacity Building Work Programme 2020

The submissions from the RHCs have been prioritized based on procedure 4 and adjusted according to Procedure 11 at CBSC17. The accepted submissions would need funds of about 1,300,000 €. The Work Programme allocates 730,000 €.

CB Management

The support from the IHO Secretariat is as essential as the tremendous work from the CB Coordinators in the RHCs. With the generous and intensive support from ROK in cooperation with the IHO Secretariat, the IT-based CB Management System is almost ready to be implemented. The next CB submissions will probably already be processed through that system.

Joint CB

The annual joint CB meeting of IHO, IMO, IOC, WMO, IALA, FIG, IAEA and IMPA took place at the IMPA headquarters in London in November 2018. A first comprehensive project with several organizations under the lead of the IMO has started its inaugural phase. This

project in Bangladesh can be a good example for future cooperation. It also shows the improved cooperation with the IMO.

Another successful approach is always to address the IMO via the national representatives to request a “needs assessment visit to the IMO regarding SOLAS Chapter V”. The CBSC requests IRCC to encourage MSs to engage with their delegations in the IMO to provide support to the IMO Member States.

The next joint CB meeting is planned to be held at the IMO headquarters in London.

Publication C-55

As reported at the last IRCC meeting, CBSC established a C-55 Review Project Team (C-55RPT). The RPT under lead of Norway developed a proposal to address the limitations of the current C-55 publication, taking into consideration the comments and suggestions from Member States.

CBSC proposes an approach in two steps based on the C-55RPT report:

A short term solution is the use of CATZOC information as an indicator for survey adequacy. CBSC request the IRCC to invite the RHCs to encourage Member States to use CATZOC to generate the input for C-55 in a consistent and harmonized way (see doc. [CBSC16-08.3A](#)).

A longer term solution should make use of modern MSDI and GIS information. C-55RPT was tasked to propose and define the scope for future work using CATZOC in a GIS environment and the differentiation of uses as the future of C-55, engaging with the DQWG. CBSC will then investigate with the HSSC/DQWG and RHCs the way forward based on the findings of the C-55RPT.

A good example for a more sophisticated solution is the realization of the BSHC harmonized re-survey scheme (see: <https://helcomresurvey.sjofartsverket.se/>).

CB for MSDI

MSDI is an important aspect in Capacity Building and RHCs often ask for support in MSDI-related trainings. With the very generous support from Denmark to fund the development of basic MSDI training material (about 60 K€), this material can now be made available within the regions and will reduce costs for training significantly.

CBSC thanks Denmark and the MSDI WG for that very generous and helpful support.

Procedure 9: Technical Visits

A new version of the procedure on the preparation, execution and the further action related to technical visits has been elaborated by a drafting group and has been adopted by the CBSC at the last meeting. Important changes are a new template for TVs and the time limits for the reports, being two weeks for the interim report and two month for the final one.

Further tasks for the drafting group are to amend the procedure with some information and a template for Technical Implement Visits.

3. Progress on IRCC Action Items

No Action Items related to CBSC.

4. Problems Encountered

Limited CB Fund

Capacity Building in Hydrography is a core strategic issue within the IHO. The CB fund has been used carefully and according to the IHO CB Strategy. The funds not already allocated to certain earmarked projects are limited to the regular IHO contribution. This contribution is depending on the financial situation of the IHO budget. That contribution for 2019 is less than expected and it is not clear, what the situation will be in the following years. This will put the success of the CB programme under a considerable risk.

In order to attract other organizations to provide funds to the IHO CB in a significant amount, we will have to jump on comprehensive projects or to have decent projects already prepared before addressing donor agencies. That will need to provide resources beforehand that are not available in the CB Programme at this stage.

Thus the CB fund heavily depends on the contribution from MS on a voluntary basis. To stabilize this situation and to make the CB Programme fit for the future tasks, a higher regular input from MS to the CB fund via the contributions to the IHO itself is seen necessary by the CBSC.

Therefore the CBSC requests the IRCC to investigate the possibility of a formal proposal to increase the share of the annual contributions of the IHO Member States in order to increase the annual input from the IHO Budget in a stable and sustainable way.

Outreach

The seconded officer from Japan at the IHO Secretariat made an investigation that showed the positive effect of the CHART-Programme funded by the NF to the development in the charting capacity in the countries involved in the training. The correlation between alumni from the CHART-Programme and the development in charting is significant. This can possibly be transferred to other projects.

This positive example show as well that the outreach of the success and importance of CB in Hydrography should be improved.

Therefore a Project Team on Outreach (PTOutreach) has been tasked to draft the way ahead for promoting and increasing the visibility of work done and the achievements reached.

IHO Strategy

The revision of the IHO Strategic Plan has an impact on the strategic task of CB in the IHO.

The CBSC created a drafting group to propose on the way ahead with performance indicators in the scope of the revision of the IHO Strategic Plan.

5. Any Other Items of Note

IHO secretariat plans to hold a Capacity Building Stakeholder Seminar in 2021 (postponed from 2019). CBSC17 discussed this issue and suggests holding the seminar on Thursday and Friday after CBSC19 and just before the main event of the centennial celebrations of IHO am WHD 2021 (Monday).

6. Conclusions and Recommended Actions

Constant Capacity Building in Hydrography is an important strategic issue for all countries. The CB fund becomes important especially for the countries that don't have the resources to do this capacity development without support. The impact of the support provided by the CB programme is much bigger and wider as the direct support via the CB fund. Investigations so far have shown that a significant development of capacity has been achieved and new Member States have been attracted to adhere to the IHO.

It shows as well that the multiplying effect of the CBSC programme as a nucleus is much larger and should not be underestimated. Even more so if the limited resources are taken into account, especially in comparison with other funding programmes.

The work of the IHO in the strategic field of Capacity Building in Hydrography has developed over the years and reached a maturity, where a stable support to countries in need has been provided. The positive effect of the CB programme in assessment and provision of CB is visible and to some extent measurable.

CB needs a sufficient amount of funds that is not earmarked to certain projects or that is dependent from only a few Member States. The current and possibly future situation in the financial support from the IHO budget to the CB fund is therefore putting the CB programme at risk. Especially new MS will be attracted by and relying on CB support. The regular IHO contribution into the CB fund is necessary also as a nucleus to multiply the effect and to attract external funds.

Therefore a regular and higher contribution from the IHO budget should be sought.

7. Justification and Impacts

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

8. Action Required of IRCC

The IRCC is invited to:

- a. note the report,
- b. to 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,
- c. investigate the possibility of a formal proposal to increase the share of the annual contributions of the IHO Member States in order to increase the annual input from the IHO Budget in a stable and sustainable way,

- d. invite the RHCs to encourage Member States to use CATZOC to generate the input for C-55 in a consistent and harmonized way,
- e. agree on the further dates of the CBSC/IRCC meetings,
- f. take action any further action as seen appropriate