

**9th MEETING OF THE IHO INTER-REGIONAL COORDINATING COMMITTEE
IHO-IRCC9
Paramaribo, Suriname, 12-14 June 2017**

Report of the Capacity Building Sub-Committee (CBSC)

Submitted by:	Chair, Capacity Building Sub-Committee (CBSC)
Related Documents:	none
Related Projects:	none

Chair:	Thomas Dehling, Germany
Vice-Chair:	Lamberto Lamberti, Italy
Secretary:	Alberto Costa Neves, IHO Secretariat
Member States:	Australia, Brazil, Canada, Ecuador, France, Germany, India, Japan, Latvia, Mexico, Mozambique, New Zealand, Nigeria, Norway, Oman, Republic of Korea, South Africa, Suriname, Turkey, UK, USA, representing all RHCs.
Expert Contributors:	Several observers have engaged both in the meetings and specially with in-kind support to CB activities
<i>see IHO website for full details</i>	

1. Meetings Held During Reporting Period

The Sub-Committee met once since the IRCC8 meeting at CBSC15, which was held from 7 to 9 June 2017 in Paramaribo, Suriname.

The next meeting is scheduled from 30 May to 1 June 2018 in Goa, India.

2. Main developments and achievements in IHO Capacity Building

The IHO Capacity Building has been developing extraordinary successful over the last years. The strict use of the IHO CB Strategy, a clear structure of the processes and its smooth execution is close to a point where the IHO CB initiative in the general level of development is fully operational and almost reached the ceiling of what can be achieved with the resources available.

This development is based on the support from Member States, the IHO Secretariat and Industry. The following contributions have to be acknowledged:

- generous contribution from ROK
- generous contribution from Nippon Foundation
- generous in-kind support from Member States and Industry for the execution of the CBWP
- the work of the RHC CB Coordinators and Project Leaders for the efficient and successful execution of the CBWP
- contribution from France as a force multiplier for the EAthC Definition Study.
- the work done by the UK on the Commonwealth Marine Economies Programme (CMEP), Organization of the Eastern Caribbean States (OECS) and the Commonwealth

Seabed Mapping Programme.

- the work of NZ for the risk assessment and the Pacific Region Navigation Initiative (PRNI)
- Excellent support of Alberto Costa Neves as the Secretary of the CBSC

Achievements in CB Funds and CB Work Programme

The regular contributions from the IHO Budget have increased and enabled the CBSC to keep the overall CB funds on a level almost as high as in the years with a higher balance. The good execution of most of the projects funded lead to a quite small balance nowadays.

E-learning, blended-learning and TFT initiatives

Several initiatives are ongoing to improve the means of learning methods, especially in the field of blended or e-learning. Namely the programme of the EAHC/TRDC, the project on MSI in the EAHC and external developments have progressed.

3. Mayor challenges in IHO Capacity Building

Capacity Building Assistance in the IHO Secretariat

The successful operation of the IHO CB at its current stage and more so the further enhancement and extension is at risk or even impossible without additional Capacity Building Assistance in the IHO Secretariat.

Due to the significant increase in the level of activities of the CB, the secretarial and administrative support provided by the IHO Secretariat, has come under increasing strain because of other competing IHO requirements and priorities. This situation regarding resources was reported to the EIHC-5 by the IHB (Refers to the Report on the Technical Capacity of the International Hydrographic Bureau - CONF.EX5/REP.02) and noted by the Conference (Decision No.2). This urgent need was reflected in the report of WP 1 at the 1st Session of the IHO Assembly (item 78-80).

The Secretary of the CBSC currently is far too much involved in the administrative preparation and execution of the work programme and other tasks in the Secretariat. He doesn't have enough time to assist the CBSC in the development of the CB and the realization of the CB Strategy. The additional needs are especially:

- Further development of the CB Management System and its integration with the IHO systems (GIS, CIS, document system)
- Validation of the Student and Trainer Databases
- Process all the submissions and requests related to the CB Procedures
- Maintenance of the CB Publications
- Development and maintenance of the CB Procedures
- Assessment of the reports of the CB Activities
- Provide base knowledge available in the Secretariat to Technical Visit Team Leaders
- Provide mentoring to CB Coordinators
- Development and maintenance of the CB pages at the IHO website
- Development of best practices and questions and answers guide
- Collate performance indicators and statistics
- Liaison with project partners
- Management of projects
- Knowledge in the cooperation with donor agencies
- Other clerical support in CB execution

The IRCC is asked

- to endorse the need of an urgent expansion of the IHO Staff according to the needs described
- to forward this proposal to the first IHO Council meeting for approval and the subsequent appropriate actions

Need of additional funds

Since 2012 the available CB Funds provided are less than needed to cover all accepted submissions. As the balance of former years is depleted, the funds available are not sufficient to even cover the expenses of projects with a higher priority. The number of submissions from the RHCs is stagnating due to the limited changes of getting funded.

There are different ways that Member States can support the CB. One is to make use of national experts in the cooperation with donor agencies and to get national, regional or international funds for projects.

The IRCC is asked

- to invite MS to investigate the possibilities of fund raising and engagement in CB via national organizations

Joint Capacity Building efforts with IMO and others

The planned annual joint CB meeting of IHO, IMO, IOC, WMO, IALA, FIG and IAEA at the IMO in London was cancelled by the IMO on relatively short notice. The formerly very productive joint work with the IMO has ceased. It is really disadvantageous that the IMO ITCP does not provide cooperation with the IHO in CB. A success of comprehensive projects will depend heavily on a good cooperation between the organizations.

The IRCC is asked

- take action as seen appropriate to revitalize the cooperation between IHO and IMO ITCP

Capacity Building in the RHCs

CB Coordinators are essential for the successful CB work in the regions and in the Sub-Committee. It is highly recommended that CB Coordinators are not changing in combination with the Chair of the relevant RHC but are nominated for a longer term and participate in the CBSC meetings. This has been achieved in almost all RHCs. Only SEPRHC still changes the CB Coordinator too often. This has proven to be disadvantageous for the acceptance of projects and the allocation of CB funds.

A cooperation with neighbouring RHCs can improve the effectiveness of projects and thus also the chances to be funded.

The IRCC is asked

- to invite SEPRHC to install a permanent CB Coordinator and to ensure his or her participation in the CBSC meetings

4. CB Management

CB Procedures

The CBSC developed CB Procedures for the operation of the IHO CB Programme. At the last CBSC meeting the following three Procedures have been adopted:

Procedure 10: Management Plan

Procedure 11: Assessment of the Status of CB Phases

Procedure 12: Certificate for the Completion of CB Activities

The procedure 9 (Guidelines to conduct Technical Visits) is still under development.

5. Contribution to Capacity Building

Contribution from Republic of Korea

The Republic of Korea contributes significantly to the 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. Major projects currently are the funding of students from IHO Member States for the Category "A" Hydrographic Master Programme, the Training for Trainers project and a Category "B" Course program held at KHOA, Busan, ROK. The programme will be 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 been provided a financial contribution to the IHO to fully fund the NF-IHO CHART Project.

6. CB Work Programme

Capacity Building Fund

The leftover from the CB Fund to be allocated to the following year has exhausted since 2013. Since then, a significant portion of the accepted submissions can't be funded. The following tables show the financial situation from 2005 to 2016:

Year	Submitted Requests	Delivered projects	Delivered Technical Visits	N° Students	Resources needed from CBSC	Actual expenditures
2005	5	3	5	51	103 166,90	29 699,29
2006	6	5	25	84	82 000,00	74 420,73
2007	4	7	14	93	181 500,00	78 827,55
2008	13	10	23	92	325 267,00	100 695,98
2009	12	9	5	141	294 782,00	158 205,44
2010	10	9	8	109	319 880,00	180 625,99
2011	17	13,5	10	140	502 435,00	300 388,32
2012	30	22	11	227	516 185,76	310 810,03
2013	36	20	6	129	412 600,00	325 717,63
2014	27	24	8	154	687 444,60	636 263,36
2015	30	24	2	141	930 907,00	760 801,06
2016	34	22	8	180	975 106,00	763 605,00

Capacity Building Work Programme 2017

The financial situation for 2017, considering the executed and the planned projects is:

	IHO	ROK	Nippon	Total
Balance 2016	104 751,14	1 159,86	0,00	105 911,00
Income 2017	160 000,00	166 429,00	195 386,00	521 815,00
IHO Surplus 2017	191 000,00	0,00	0,00	191 000,00
2017 CBWP	-460 564,70	-169 219,00	-195 386,00	-825 169,70
Balance 2017	-4 813,56	-1 630,14	0,00	-6 443,70
Not funded yet	100 000,00	0,00	0,00	100 000,00

Expected values

Capacity Building Work Programme 2018

The submissions from the RHCs have been prioritized on the basis of procedure 4 and adjusted according to Procedure 10 at CBSC15. 35 projects have been accepted with a sum of 988.596€ (including 455.100€ for earmarked projects). At this stage, the available CB Funds of only 700.000€ allow the execution of 20 projects.

The CBWP has contemplated training courses and workshops in MSDI with very positive results and trainees being able to support development in their countries. However, despite of the number of trainees, the IHO was not yet able to develop a critical mass that is able to multiply the knowledge and trainings are still being supported by Industry.

7. E-Learning

The decision 16 on PRO-2 during Assembly1 to take into account e-learning in the IHO Capacity Building Strategy and to consider using e-learning in its Capacity Building activities has been one mayor topic at CBSC15.

Although e-learning is already an integral tool in the CB Strategy, the CBSC edited the Cb Strategy to give it a more prominent visibility. CBSC will keep the changes as a working document and submit a new version of the CB Strategy to the Council prior to A-2.

Besides that several initiatives have already been started to introduce e-learning in CB provision. The remarkable development of the e-learning platform for the delivery of MSI content in Francophone Africa with potential for other regions and with other contents has to be to acknowledged explicitly. EAHC TRDC have been engaged in e-learning development as well.

CB Coordinators are tasked permanently to promote the delivery of the MSI content via e-learning in all RHCs in need.

8. Statistics and Performance Indicators

Submission of projects from RHCs:

Year	2011	2012	2013	2014	2015	2016	2017
Submitted	14	31	28	29	30	33	32
Planned	14	30	21	28	28	33	32
Delivered	13,5	22	18	23	22	29	TBD

CB-related Strategic Performance Indicators 3, 4 and 5:

Year	2011	2012	2013	2014	2015	2016	2017
SPI3	See note 1						
SPI4	100%	97%	75%	97%	93%	100%	100%
SPI5	96%	73%	86%	82%	79%	88%	TBD

Note 1: CB Coordinators are potentially the source for this as indicated in the proposed CB Procedure 11 for the Assessment of the Phases of CB adopted at CBSC15.

Statistics from the delivery of CB activities:

Year	2011	2012	2013	2014	2015	2016	2017
Students	149	246	129	No resources to assess reports			
Tech Visits	10	11	6	8	2	8	TBD

9. Elections

The Chair Thomas Dehling, Germany has been re-elected. Lamberto Lamberti, Italy has been elected as Vice-Chair. The contribution of the Vice-Chair Olumide Omotoso, Nigeria as the former Vice-Chair of the CBSC has been acknowledged and he has been assigned as the CBSC Ambassador for Africa.

10. Conclusions and Recommended Actions

IRCC is invited to

- a. take note of the report;
- b. endorse the need of an urgent expansion of the IHO support to CB (paragraph 3) and to request to the Council at its 1st Session to task the Secretary-General to ensure that the appropriate secretarial support is provided to the CB-related activities.
- c. invite MS to investigate the possibilities of fund raising and engagement in CB via national organizations
- d. take action as seen appropriate to revitalize the cooperation between IHO and IMO
- e. to invite SEPRHC to install a permanent CB Coordinator and to ensure his or her participation in the CBSC meetings
- f. take any other actions as appropriate.