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**OUTCOME OF THE 13th MEETING OF THE CAPACITY BUILDING SUB-COMMITTEE
(CBSC13) AND THE 2016 CAPACITY BUILDING WORK PROGRAMME (2016-CBWP)**

Reference: IHO CL 16/2015 dated 20 February – *Thirteenth Meeting of the Capacity Building Sub-Committee (CBSC13, Mexico City, Mexico, 27-29 May 2015 and Seventh Meeting of the Inter-Regional Coordination Committee (IRCC7) Mexico City, Mexico, 1-3 June 2015*

Dear Hydrographer,

1. The 13th Meeting of the IHO Capacity Building Sub-Committee (CBSC13) took place in Mexico City, Mexico, from 27 to 29 May, hosted by the *Secretaría de Marina* of Mexico in the *Centro de Estudios Superiores Navales* - the Naval Staff College of Mexico. The Meeting was chaired by Mr. Thomas Dehling (Germany) and attended by 18 members and 14 observers from 13 Regional Hydrographic Commissions (RHCs), 19 Member States and two observing organizations.
2. The minutes of the CBSC13, together with all documents tabled at the meeting are available on the IHO website (www.iho.int → Committees & WG → CBSC → CBSC13). The most significant topics discussed at the meeting are summarized below.

Impact of the IHO CB Strategy

3. The Sub-Committee reviewed the impact of the revised IHO Capacity Building (CB) Strategy approved by the 5th Extraordinary International Hydrographic Conference (EIHC-5) on the work of the CBSC, especially in building the Management Plan, the access of non-Member States only to Phase 1 activities, the need to identify larger and comprehensive projects to attract funding from donor agencies and the development of a Public Relations paper to raise awareness of the importance of the IHO CB Programme and to improve its visibility.

Workload associated with Capacity Building

4. The CBSC considered the increasing number of CB activities, the associated administrative workload, intersessional correspondence and the workload associated with meetings. The Sub-Committee acknowledged the existing limitations of the IHO Secretariat to support the administration of the CB Programme and the challenges that this raises.

Interaction with other IHO bodies

5. The increasing interaction with the World-Wide Navigational Warning Service Sub-Committee (WWNWS-SC), the Marine Spatial Data Infrastructures Working Group (MSDIWG) and the Tides, Water Level and Current Working Group (TWCWG) was considered with respect to feedback concerning the CB activities in which they were involved, and the need for further support and the development of course material.

IHO Publication C-55

6. The CBSC considered the development of the current IHO Publication C-55 - *Status of Hydrographic Surveying and Nautical Charting Worldwide* and its transition to a GIS database environment, the development of supporting databases (the IHO Country Information System and the regional database), the progress made in the IHO GIS infrastructure and the possibilities for creating an improved C-55 function by using the values of Zones of Confidence (CATZOC) extracted from ENC's as a proxy for the quality of the underlying survey data. This work will lead to the ability to create country profiles that can better support the decision-making process when assessing priorities and allocating CB resources.

Risk assessment methodology

7. The Sub-Committee commended the work done by New Zealand in developing an evidence-based risk assessment methodology and its implementation in the area of the South West Pacific Hydrographic Commission to establish priorities for surveys and charting. Other developments were presented by the UK (describing the Organization of the Eastern Caribbean States – OECS Project), the Republic of Korea (describing the East Asia Hydrographic Commission Training, Research and Development Center), France (describing the East Atlantic Hydrographic Commission Definition Study for a Long Term CB Project) and Mexico (describing strengthening the hydrographic capabilities in Meso-America and Caribbean Sea area).

In-kind contribution and cooperation

8. The CBSC acknowledged the continuing contributions made by the Republic of Korea and Japan, through the Nippon Foundation (NF), to the IHO CB Programme. The Sub Committee also acknowledged the significant contributions from the International Maritime Organization (IMO) and the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) in supporting the development of hydrographic services in developing States through the delivery of joint capacity building programmes.

CB Management

9. The Sub-Committee reviewed draft CB Procedure 9 - *Technical Visits* and agreed to use this draft procedure for one year and obtain feedback before considering its formal approval at the next meeting of the CBSC.

10. The CB Management Plan (CBMP) was reviewed and approved by the meeting as the basis for the 2016 CB Work Programme (CBWP). The CBSC expressed some concern that there were currently only limited financial resources available to execute the full 2016 CBWP. The in-kind contributions from Republic of Korea and from the Nippon Foundation of Japan will be allocated to the earmarked activities and the remainder of the programmes will have to be executed using the annual contribution from the IHO budget to the CB Fund.

2016 Capacity Building Work Programme (2016 CBWP)

11. The Annex to this letter presents the 2016 CBWP taking into account the available resources and priorities. In previous years the CBWP only reflected the activities for which funds were available at the time of approving the plan. The 2016 CBWP lists all the activities that have been endorsed by the Sub-Committee in priority order. Those for which funds are currently not available have been marked as "Not funded yet". The Sub-Committee invited the Chair and the IHB to monitor the CB funds and seek additional resources, and in the event that additional funds become available during the inter-sessional period, to take into account the additional funds available, the priority listing and the feasibility of implementing projects at relatively short notices, and to propose to the Sub-Committee those currently unfunded projects that could be then implemented.

12. The total of 31 endorsed projects would require 952 000 Euros. Of those 31 projects, 21 are currently unfunded and will need an additional 385 000 Euros in order to be executed. If and when additional funds become available, the previously unfunded projects will be undertaken as far as possible in priority order and the relevant RHCs will be invited to take the actions required for their

implementation. In addition, the 2016 CBWP includes two training courses that will be executed with the support of the IMO.

Additional contributions

13. The Directing Committee takes this opportunity to invite the Member States to consider providing in-kind contributions to the IHO CB Fund in accordance with IHO Resolution 5/2004 as amended, in order to progress the delivery of the Capacity Building activities. Member States are also invited to liaise with existing national and regional funding agencies to attract funds for the IHO CB Fund.

14. An additional possibility for those Member States able to assist in the execution of the 2016 CBWP is to sponsor endorsed CB activities directly, without the need to transfer funds to the CB Fund. This method of support is particularly suitable for the delivery of training and workshops.

Next meeting

15. The 14th meeting of the CBSC (CBSC14) will be held from 24 to 26 May 2016 in Abu Dhabi, hosted by the United Arab Emirates. Representatives of Member States who may require a visa are advised to submit their applications well in advance. CBSC14 will be followed by the 8th meeting of the Inter-Regional Coordination Committee (IRCC8) from 29 to 31 May 2016 which will also be held in Abu Dhabi.

Action Requested of RHC Chairs and CB Coordinators

16. In order to fully implement the 2015 CBWP, the Directing Committee requests the Chairs of the RHCs and CB Coordinators that have not already done so, to provide to the IHB the names of the Project Leaders and the anticipated budget required for outstanding activities in the 2015 CBWP in accordance with CB Procedure 8.

17. The Directing Committee also requests RHC Chairs to confirm and implement the approved projects in the 2016 CBWP as early in the year as possible in order to facilitate the financial management of the CB Fund by the IHB and the adoption of contingency plans by the CBSC when appropriate.

On behalf of the Directing Committee
Yours sincerely,



Mustafa IPTES
Director

Annex: 2016 CB Work Programme (CBWP).

2016 CB WORK PROGRAMME

IHO WP Element: Capacity Building Assessment - Technical and High-Level Visits				
No.	Events	Responsible	Budget	Resources
A-01	Technical Assessment & Advice - Samoa (former 2015 CBWP A-07)	SWPHC	6,000.00 €	IHO
A-02	High-level Visit to Tanzania	SAIHC	8,000.00 €	IHO
A-03	Technical Assessment & Advice – Tuvalu	SWPHC	3,326.00 €	IHO
A-04	High-level Visit to Lebanon and Technical Visit to Albania	MBSHC	3,400.00 €	Not funded yet
A-05	Technical Visit to Timor Leste	EAHC	7,800.00 €	Not funded yet
		-	28,526.00 €	

IHO WP Element: Capacity Building Provision - Technical Workshops, Seminars, Courses				
No.	Events	Responsible	Budget	Resources
P-01	ROK Category A Programme	IHB	184,000.00 €	ROK
P-02	Training for Trainers - Basic Hydrography	EAHC	50,000.00 €	ROK
P-03	ROK Category B Programme (second phase)	IHB	84,700.00 €	ROK
P-04	Nippon Foundation CHART Project	IHB	195,000.00 €	NF
P-05	Seminar on Raising Awareness of Hydrography	MACHC	15,500.00 €	IHO
P-06	E-learning experimentation (MSI)	EAtHC	20,000.00 €	IHO
P-07	MBES Processing (5 days)	NIOHC	8,500.00 €	Not funded yet
P-08	Technical Workshop for PICTs in Formulating and Implementing Strategic Development Plans for Hydrography	SWPHC	36,000.00 €	Not funded yet
P-09	CB Assistant	IHB	10,000.00 €	Not funded yet
P-10	Tide Training Course	SWAtHC	16,400.00 €	Not funded yet
P-11	MSI and Hydro Governance Workshop	MACHC	19,952.00 €	Not funded yet
P-12	Workshop on technics, methodology of MBES data processing	SEPRHC	26,911.00 €	Not funded yet
P-13	Chart Scheming (3 days)	NIOHC	16,627.00 €	Not funded yet
P-14	MSI Regional Workshop	SWPHC	25,000.00 €	Not funded yet
P-15	MBES setting to work project for Mozambique	SAIHC	9,604.00 €	Not funded yet
P-16	Multi-beam Training Course	SWAtHC	25,000.00 €	Not funded yet
P-17	MSDI Workshop for Spanish speakers	MACHC	23,658.00 €	Not funded yet
P-18	Introduction to MSDI and Data Management	NIOHC	14,344.00 €	Not funded yet
P-19	Satellite Derived Bathymetry Workshop	MACHC	21,734.00 €	Not funded yet
P-20	Advanced ENC Production (5 days)	NIOHC	8,500.00 €	Not funded yet
P-21	Workshop on LIDAR technology for shallow waters	SEPRHC	26,540.00 €	Not funded yet
P-22	ENC Production and QA	RSAHC	25,110.00 €	Not funded yet
P-23	Satellite Derived Bathymetry	EAHC	20,450.00 €	Not funded yet

P-24	Cartographic Production Database System Workshop	EAHC	19,150.99 €	Not funded yet
P-25	Multi-beam Survey and Seabed Classification	EAHC	20,500.00 €	Not funded yet
P-26	Regional Training Course in Basic Hydrography and Hydrographic Governance for Southern Africa	SAIHC	-	In-kind from IMO
IHO WP Element: Capacity Building Provision - Technical Workshops, Seminars, Courses				
No.	Events	Responsible	Budget	Resources
P-27	Regional Training Course in Hydrographic Field Operator for Francophone Africa	EAtHC	-	In-kind from IMO
P-28	GEBCO Training Project	UHN	-	In-kind from NF
	Subtotal of P (Provision)	-	923,180.00 €	

Total	951,706.00 €	
ROK	318,700.00 €	Subtotal ROK
IHO	52,826.00 €	Subtotal IHO
NF	195,000.00 €	Subtotal NF
Not funded yet	385,180.00 €	Not funded yet