



INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
CAPACITY BUILDING SUB COMMITTEE (CBSC)

**Report to IRCC2**

**1. Actions from the IRCC1**

<b>Action from IRCC1</b> To ensure that invitations to attend courses sponsored by the CBSC are sent also to the countries of the adjacent RHCs.	CBSC	Permanent
<b>Action from IRCC1</b> To consider providing support to activities that promotes management capacity development. Report on actions adopted.	CBSC	Before IRCC2

**CBSC has taken a note of activities tasked on the Sub-Committee at the IRCC1 and provides following report:**

- There are several activities already taking place and planned for the future when participants from adjacent RHCs are invited to CBSC supported activities. Those activities can be seen from the MP of CBSC
- CBSC has considered this action and informs IRCC, that specific seminars are organized for Chairmen of NHC. Additionally CBSC has tasked within the SC small working group to prepare a specification to receive a consultancy or employ Regional Professional CB Assistant in order to provide support in strategically important regions in order to prepare submissions of project proposals and to coordinate regional activities.

**2. Outcome of CBSC8 (14-16 June 2010, New Orleans)**

- a. At the CBSC7 it was decided by the Sub-Committee that follow up progress reports on implementation of suggestions and proposals should be requested from countries who have had technical visits paid in the period 2003- 2009. Letter to 33 countries have been sent out, only three replies received (Bahrain, Namibia and Romania).  
CBSC invites Chairmen of RHCs to request relevant countries to submit progress reports. List of the countries can be obtained from CBSC Secretary Capt. F.Bermejo;
- b. CBSC would like to use the possibility and address Chairmen of RHCs to be more active and submit proposals for support from CBFund. It must be noted that submissions must strictly follow the Application form provided and also comply with Procedures CBSC has established and approved. Submission sent in after deadlines set by CBSC and not complying Procedures will be turned down and sent back for improvement thus postponing event for year atleast.
- c. Having a discussion on availability of information on activities (seminars, workshops) held by several IHO bodies, CBSC together with Chairman of WWNWS has concluded that such information is posted on IHO homepage under relevant SC. CBSC invites IRCC to address IHB to improve homepage in order to make information on IHO activities available at the "single point"
- d. WP 2011 has been approved and letter to RHCs shall be sent out to inform about decisions taken at the Meeting.

### 3. CB activities since CBSC7 (May 2009, Seoul)

1 Technical visits were paid to Brunei and Vietnam (June 2009) and to Solomon Islands (October 2009). Visit to Syria was postponed until adequate response from the country is received. Technical visit to El Salvador is scheduled in September 2010.

Further technical visits to Cameroon, Gabon and Guinea Bissau are being coordinated by the Chairmen of the respective Regional Hydrographic Commissions, to be conducted during 2011.

2 One technical seminar for Chairmen of National Hydrographic Committees, National Maritime Safety Committees or equivalents, was held in La Réunion, France, from 14 to 15 September 2009. The objectives of the seminar were to raise awareness of the importance of hydrography and to identify the way to establish a hydrographic structure in Coastal States. 22 participants from 14 countries attended the seminar (Angola, Comoros, France, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Norway, Portugal, Seychelles, Tanzania, UK and USA).

3 Short Courses and Training:

- Chart Production and ENC Training Course (Brazil, 26-28 October 2009);
- MSI Training Technical Course (Ghana, 15-17 September 2009; Oman, 26-28 October 2009; Namibia, 13-15 April 2010);
- QA on Multibeam Surveying and Post Processing Course (Philippines, 18-21 August 2009);
- QA on ENC Production Course (Thailand, 23-27 August 2009);
- MultiBeam Course (Brazil, 24-28 November 2009);
- IHO Course in Marine Cartography (Singapore, 22 February – 26 March 2010).
- Survey Attachment On the Job Training (SAIHC) - MAR/JUN on board the “*Beautemps-Beaupré*”
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#### In preparation

- MSI Regional Workshop SWPHC (Sydney, 17-19 August)
- Regional Hydrographic Survey & Nautical Cartographic Course SWPHC (Papua New Guinea, 11-22 October)
- 2-weeks Regional Training Course on basic ENC and ENC Production (MACHC) in joint cooperation with IMO (Jamaica 6-17 September)
- 2nd Course in Hydrographic Data Processing and Marine Cartography, including specialism in Electronic Navigational Chart. (UKHO, Taunton, UK, 6 September – 17 December 2010)

#### Coordination and co-operation

#### Contribution of the Republic of Korea to the IHO Capacity-Building Fund

4 The Republic of Korea made the annual financial contribution to the IHO Capacity-Building Committee (CBC) Fund in accordance with the Memorandum of Understanding signed in 2006.

#### Contribution of Japan to the IHO Capacity-Building Programme – The Japan Capacity-Building Project

5 Under the Memorandum of Understanding signed with the Japan Hydrographic Association (JHA) in 2008 for the implementation of a Capacity-Building Project, the 1<sup>st</sup> course on “Hydrographic Data Processing and Marine Cartography” based on the Cat. B UKHO Course, was run at the UK Hydrographic Office, from 7 September to 18 December 2009. A second course with the same characteristics has been scheduled to be organized from 6 September to 17 December 2010.

#### Nippon Foundation – GEBCO Training Project

6 The Nippon Foundation confirmed in early January 2009 the funding of the above mentioned programme and IHO Member States were invited to consider applying for this programme. The course is intended to train a new generation of scientists and hydrographers in ocean bathymetry. The twelve-month course, leading to a Postgraduate Certificate in Ocean Bathymetry (PCOB), is held at the University of New Hampshire, USA and lasts 12 months.

### **Meeting on Capacity-Building matters with other international Organizations**

7 For the third time those responsible for Capacity-Building matters within the IHO, together with IMO, WMO, IOC and IALA, met at the IMO headquarters in London, in October 2009 to coordinate their own CB programmes and exchange information aiming at optimizing the use of the human, as well as the available resources. The IHO considers this coordination a crucial event and welcomes these joint efforts and fosters their development and continuity.

### **Joint IMO/IHO training projects**

8 The IHB coordinated with the IMO Secretariat the inclusion of various projects in the IMO ITCP. This resulted in the approval by IMO of four projects submitted by the IHB for the period 2010-2011, as follows:

2010

- Three-days Maritime Safety Information Course for South West Pacific area (Sydney, 17-19 August);
- Two-week Training Course on ENC production for Central America and Caribbean (Jamaica, 6-17 September).

2011

- Two-week Training Course on ENC production for Africa;
- Two-week Training Course on Hydrographic Survey and Introduction to Chart Production for Africa (under coordination).

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