

7.2.1 Update on Capacity Building activities and submissions since the last meeting

7.2.1.1 Activities since SWPHC11, Brisbane, Feb 2012

The CB activities carried out in the region since the 11th SWPHC Meeting held in Brisbane, Australia, 15-16 February 2012, are reported under the following 4 headings:

- **SWPHC CB Activities**
- **IHO CB Activities**
- **Non IHO CB Activities**
- **Regional Development Programmes**

SWPHC CB Activities

1. Technical Visit to Solomon Islands to facilitate National Hydrographic Requirements (19 Feb – 2 Mar 2012)

Following the SWPHC11 Meeting Mr Bob Wilson, International Hydrographic Projects Manager (UKHO), visited Honiara from 19 February to 2 March 2012. The aim was to assess the current status of charting and hydrography in the country and to provide advice to the government and to stakeholders on a way ahead. The Visit report can be downloaded from the IHO website:

http://www.iho.int/srv1/index.php?option=com_content&view=article&id=399&Itemid=407

2. Papua New Guinea National Hydrographic Capability Development (19 Nov – 14 Dec 2012)

Two cartographic staff of NMSA, PNG were attached to the Australian Hydrographic Office for a period of 2 weeks each to undergo follow-up training and work experience in Nautical Charting. The participants familiarized themselves with existing chart production systems and processes, and developed their capacity to provide support in data compilation and management of hydrographic information.

SWPHC CB Activities

3. Technical Visit to Cook Islands to facilitate National Hydrographic Requirements (7-18 Oct 2013)

The visit, by Mr Adam Greenland, NZ National Hydrographer, was part of the Hydrography Risk Assessment for the Cook Islands. Discussions were held with the relevant government ministries which included an update on progress since the IHO Assessment visit in 2011. The results of the risk assessment will contain the priority areas of risk which will form the basis of a national prioritized survey plan, to improve nautical charts.

4. Technical Visit to Tonga - Assessment and Advice (25 Nov – 6 Dec 2013)

The visit, by Mr Adam Greenland, NZ National Hydrographer, will be part of the Hydrography Risk Assessment for Tonga.

IHO CB Activities

1. Course in Electronic Navigational Chart Production – Taunton, United Kingdom, 30 Jan – 2 Mar 2012

3rd Module of the Category B Programme, funded by Republic of Korea and training facilities provided by UKHO. Out of 33 applications (from 28 countries) 9 candidates were selected, including one from the SWPHC - PNG.

2. Course in Hydrographic Data Processing - Wellington, New Zealand, 9 Jul – 10 Aug 2012

2nd Module of the Category B Programme, funded by Republic of Korea and training team provided by UKHO. The IHB received 22 applications from 21 countries. Candidates from 9 countries were selected, including from the SWPHC - Australia, New Zealand and Papua New Guinea.

3. Course in Hydrographic Data Processing and Marine Cartography, including specialism in Electronic Navigational Chart - Taunton, United Kingdom, 2 Sep – 13 Dec 2013

Category B course, funded by the Nippon Foundation and training facilities provided by UKHO. IHB received 33 applications from 27 countries.

Candidates from 6 countries selected, including 1 from SWPHC - Solomon Islands. Three participants from Australia also attending Module 3 of the course (ENC Production).

Non-IHO CB Activities

1. Regional Training Course in Hydrographic Surveying, Suva, Fiji, 24 Sep - 5 Oct 2012.

This training course, funded by the International Maritime Organization (IMO), was jointly organized by SPC, IMO and the IHO. It was held at the Fiji Navy Base, Suva, Fiji from 24 September to 5 October 2012. A total of 19 participants attended the training – Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Myanmar, Niue, Palau, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu. All lectures were delivered by Mr Samuel Harper and Mr David Parker of UKHO.

Regional Development Programmes

1. Australia - Capacity Building in Hydrography for Ocean and Coastal Development (SPC member countries)

AHS was successful in obtaining *AusAID funding for this project - submitted jointly by AHS and SPC in 2012. Project runs over 3 years (July 2012 - June 2015). Initial activity involved training of a SPC staff (Mr Saleshe Kumar) who attended the Category 'B' Course in Hydrographic Survey at RAN Hydrographic School, Sydney during Apr-Sep 2013.

Other planned activities are:

- Nov 2013 - Attendance of SPC staff members (2) at SWPHC Meeting
- Feb 2014 - 3-weeks attachment of Mr Saleshe Kumar to the AHO
- Mar 2014 – Procurement of Sidescan Sonar System for SPC
- May 2014 – AHS and SPC conduct a hydrographic survey (approx 3 weeks duration) of a priority area in Solomon Islands
- Feb 2015 – AHS and SPC conduct a hydrographic survey (approx 3 weeks duration) of a priority area in Kiribati
- 2015 - Attendance of SPC staff members (2) at SWPHC Meeting

(*AusAID – Australian Agency for International Development)

Regional Development Programmes

2. New Zealand – Hydrography Risk Assessment To Improve the Accuracy and Adequacy of Nautical Charts in the SW Pacific.

The New Zealand Government, MFAT NZ Aid and LINZ (NZ Hydrographic Authority) are working in partnership with Pacific Island countries to undertake risk assessments to improve nautical charting to meet needs of contemporary shipping.

To date the following have been achieved:

- Proto-type Methodology investigated
- Vanuatu proof of concept completed
- Hydrography Risk Assessment Methodology published
- Vanuatu Risk Assessment Results published

Further Hydrography Risk Assessments are in progress for:

- Cook Islands
- Tonga

7.2.1.2 Submissions to CBSC since SWPHC11

SWPHC Projects submitted to CBSC10 Meeting (Singapore, 4-6 June 2012)

Nine proposed projects (activities) were submitted to the CBSC10 Meeting held in Singapore, 4-6 June 2013, as well as the request for the 'Technical Visit to Cook Islands' to be carried forward to 2013. Following extensive deliberations on the applications submitted by the various RHCs the CBSC10 Meeting approved the 2013 CBWP based on the Capacity Building strategy and phases, the RHCs' priorities and the known available resources. Two of the SWPHC nine projects were approved for execution in 2013.

Priority	Project Submitted	Outcome & Status
-	Technical Visit to Cook Islands to facilitate National Hydrographic Requirements (2013)	Approved. (Previously approved in 2012 CBWP) Visit completed (7-18 Oct 2013)
1	Technical Assessment & Advice Visit – Tonga (2013)	Approved. Visit due 25 Nov - 6 Dec 2013
2	Technical Assessment & Advice Visit – Samoa (2013)	Not approved.
3	Chart Quality Technical Workshop (2013) - in conjunction with SWPHC12	Not approved.
4	Module 3 of the recognized UK Category B Programme – Electronic Navigational Charts (ENC) - (2013) – All MS	Approved – replaced with 2-weeks Regional Training Course on Basic Hydrography and Hydrographic Governance. (IMO funded) Planned for Feb 2014.
5	Solomon Islands National Hydrographic Capability Development – Nautical Cartography (2013)	Not approved
6	Hydrographic Administration & Technical Training Placements with Regional HO – Cook Islands	Not approved
7	SWPHC representation at PacMA Meeting 2013	Not approved
8	Regional Training in Surveying, Cartography and MSI - (2013)	Not approved
9	Hydrographic Administration & Technical Training Placements with Regional HO – Kiribati (2013)	Not approved

SWPHC Projects submitted to CBSC11 Meeting (Wollongong, 30 May – 1 Jun 2013)

UK (Chair, SWPHC), in consultation with Australia and New Zealand, submitted 2 of the projects that had been unsuccessful in seeking funding the previous year, and 1 new submission. All three projects were approved as part of the 2014 CB Work Programme.

Priority	Project Submitted	Outcome & Status
1	Technical Assessment & Advice Visit – Samoa (2014)	Approved.
2	Solomon Islands National Hydrographic Capability Development – Nautical Cartography (2014)	Approved
3	MSI Regional Workshop	Approved (planned to be held in Aug 2014 in New Zealand, i.e. following the IHO WNWNS6 meeting to be held there from 11-18 Aug 2014)