



UNITED KINGDOM

NATIONAL REPORT

12TH SOUTH WEST PACIFIC HYDROGRAPHIC COMMISSION (SWPHC) MEETING

Port Vila, Vanuatu
12th – 14th February 2012

This report supplements the UK Generic National Report, posted on the UKHO website
(see www.ukho.gov.uk → About Us → Role & Purpose → UK National Report)
and describes UK's activities of direct relevance to the SWPHC Region.

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1. UNITED KINGDOM HYDROGRAPHIC OFFICE (UKHO)

UK Delivery of Hydrographic Services

1.1 The UK delivery of hydrographic services is described in the UK Generic National Report. However, it is worth highlighting the close liaison which exists between UK's hydrographic office (UKHO) and UK's maritime administration Maritime & Coastguard Agency (MCA) in providing a co-ordinated approach to hydrographic and maritime safety representation both nationally and internationally.

UKHO Governance and Targets

1.2 This is described in the UK Generic National Report, see www.ukho.gov.uk → About Us → Role & Purpose → UK National Report

UKHO Organisation



1.3 Details of the UKHO's organization are provided in the UK Generic National Report (section 1) together with general contact details. Specific contact details relevant to the SWPHC region are included at the end of this report.

Production Systems

1.4 This is described in the UK Generic National Report.

Cooperation and Partnerships



1.5 The UK is committed to the bilateral arrangements which it has developed in cooperation with other international government hydrographic authorities, covering a range of topics, including the use of copyright data, and also promotes other forms of co-operation between the participants, helping to enhance international maritime safety and protection of the environment.

2. SURVEYS

2.1 Details of the management of civil hydrographic surveys in UK Home Waters are provided in the UK Generic National Report, and on the UKHO website. UK's National Hydrographic Committee (known as the UK Civil Hydrography Annual Seminar (CHAS)) meets on an annual basis and provides the necessary breadth of interests to ensure that all surveying requirements are taken into account when prioritizing the work of the Civil Hydrography Programme (CHP). CHAS was expanded in 2007 to include a much wider range of

organisations which conduct hydrographic surveys, and has been considerable successful in promoting co-operation between these organisations.

2.2 Any requests for survey assistance from nations within the SWPHC region will be assessed within the UK MoD, with advice from UKHO. UKHO can also contribute to project management of hydrographic surveys, and has a post dedicated to the phased development of new international survey activity and capability. It acts as the initial point of contact for UKHO involvement in direct overseas surveying schemes, including UK Overseas Territories and involvement in Regional Hydrographic Commission initiatives. Further information can be obtained from InternationalPartnering@ukho.gov.uk.

3 CHARTS

3.1 UK's Generic National Report provides information on UK's portfolio of chart products and services.

Paper Charts



3.2 The following charts have been published since the last SWPHC meeting as New Charts or full New Editions:

Since the last SWPHC meeting, UK has published 14 new adoptions from the Australian (AUS) series and 16 new editions of charts previously adopted.

Since the last SWPHC meeting, UK has published 7 new editions of charts previously adopted from the New Zealand (NZ) series and 1 new adoption.

In addition to the charts published as bilateral adoptions from the AUS and NZ chart series, the following 19 charts have been published since the last SWPHC meeting. Some of these were published to update the lines of equal magnetic variation shown on the charts.

Chart	INT No.	Title	Publication Date
744	-	Suva Harbour to Koro Island	22/11/2012
751	-	Koro Island to Northern Lau Group	22/11/2012
968	-	Approaches to Halalo and Mata Utu	09/08/2012
1713	-	Sealark Channel and Approaches to Honiara	10/05/2012
1750	-	Honiara	29/03/2012
3997	-	Indispensable Strait	10/05/2012
4060	60	Australasia and Adjacent Waters	14/02/2013
4607	607	South East Polynesia	22/03/2012
4617	617	Tuvalu to Palmyra Island	02/02/2012
4625	625	Tuvalu to Butaritari	15/03/2012
4637	637	Vanuatu to Norfolk Island	09/02/2012
4640	640	North Island	06/12/2012
4648	648	South Island	06/12/2012
4655	655	Mururoa to Ducie Island	23/02/2012
4708	708	Australia West Coast	14/02/2013
4710	710	Cape Leeuwin to Southeast Indian Ridge	22/03/2012
4722	722	Adele Island to Dampier incl adjacent waters	22/11/2012
4723	723	Jawa to North West Cape	29/11/2012
4727	727	Esperance to Whidbey Isles	16/02/2012

The following New Charts and New Editions are planned:

VANUATU: New Editions of charts 1638 (Plans in Northern Vanuatu) and 1494 (Éfaté and Plans) are planned for FY2014-15.

KIRIBATI: New Charts 729 (Plans in the Gilbert Islands) and 730 (Maiana to Marakei) together with New Edition 731 (Gilbert Group) are planned for publication before the end of March 2014. New Charts 714 (Plans in the Phoenix and Northern Line Groups), 4626 (INT626) and 4652 (INT652) are planned for publication during FY2014-15.

Digital Charts



3.3 As noted in section 3.1, UK's Generic National Report provides information on UK's portfolio of chart products and services.

ENCs

3.4 Within the SWPHC Region, UK has published 103 ENC cells.

This comprises 5 Overview, 21 General, 25 Coastal, 28 Approach, 21 Harbour cells and 1 Berthing cells. See diagrams in 3.7 and 3.8. A detailed listing is available, if required.

GB Coverage of General (Band 2), Coastal (Band 3), Approach (Band 4) and Harbour (Band 5) Cells, in western part of SWPHC Region (ie West of 180°): see Figure 1.

GB Coverage of General (Band 2), Coastal (Band 3), Approach (Band 4) and Harbour (Band 5) Cells, in eastern part of SWPHC Region (ie. East of 180°): see Figure 2.

NOTE: Overview Band ENCs have reduced due to NZ issuing ENCs. NZ intend to release 13 further ENCs in the coming year. These will replace the current 13 GB ENCs.

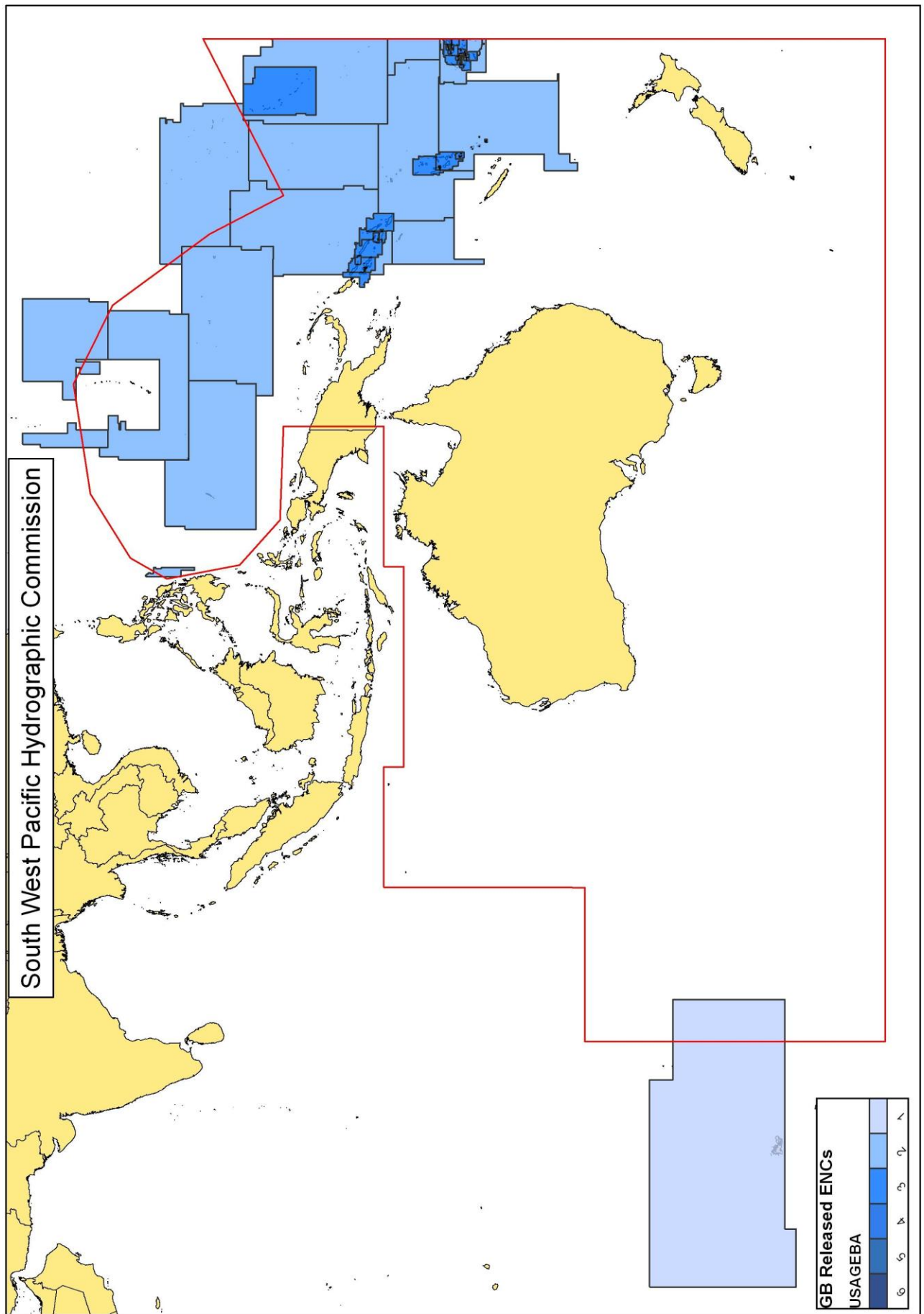


Figure 1 - GB ENC coverage West of 180°

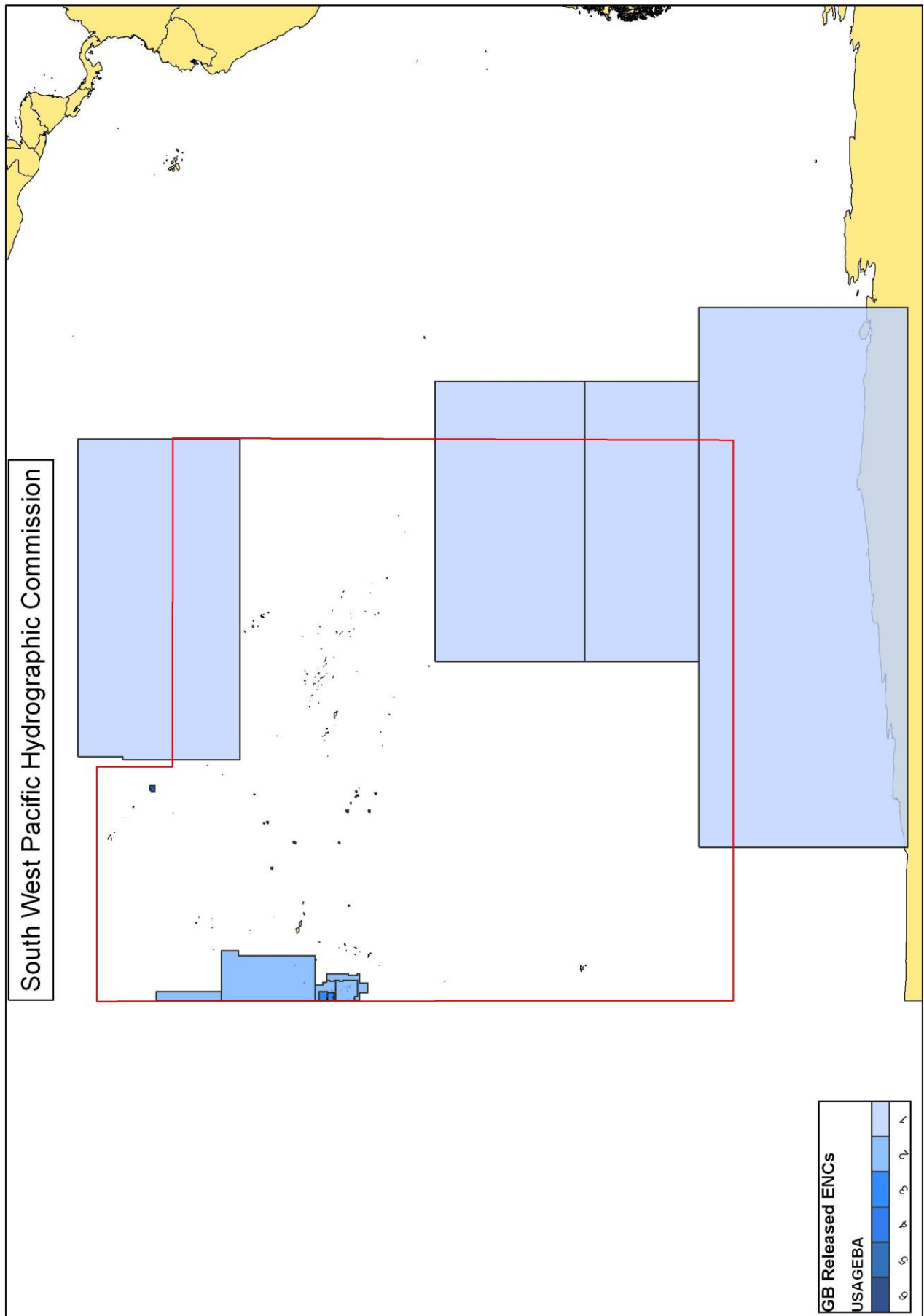


Figure 2 - GB ENC coverage East of 180°

ENC Distribution

3.6 The UKHO, along with other European hydrographic offices, was a founder member of the IC-ENC RENC. The International Centre for ENCs (IC-ENC) concentrates its efforts on the validation and consistency of ENC data and leaves the marketing of ENCs to the shipping industry to its value-added resellers and chart agents. Additional details can be found on the IC-ENC website (www.ic-enc.org).

4. PUBLICATIONS

4.1 Paper Publications



UK has signed an agreement with Australia in which all copies of the three Australia Pilots will be compiled in Australia and verified and printed by the UK. The AHS has a new editor trained and in place and all three books will now be maintained in Australia.

The current status of Admiralty Sailing Directions in the SWPHC region is as follows:

New Editions Published since last SWPHC meeting:

NP13 Australia Pilot Vol 1	Sep 2013
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New Editions to be Published:

NP35 Indonesia Pilot Vol 3	Dec 2013 (current edition 2011)
NP14 Australia Pilot Vol 2	May 2016 (current edition 2013)
NP15 Australia Pilot Vol 3	Nov 2015 (current edition 2012)
NP34 Indonesia Pilot Vol 2	Jan 2015 (current edition 2012)
NP51 New Zealand Pilot	Dec 2015 (current edition 2010)
NP60 Pacific Islands Pilot Vol 1	Feb 2018 (current edition 2012)
NP61 Pacific Islands Pilot Vol 2	Mar 2017 (current edition 2011)
NP62 Pacific Island Pilot Vol 3	Feb 2014 (current edition 2010)

These publications are all maintained on a continuous revision cycle with new editions approximately every three to five years.

4.2 Digital Publications



The UKHO continues to develop digital equivalents to its existing paper publications; these have advantages to the mariner of providing additional functionality and minimising the task of updating.

4.3 The Admiralty digital catalogue may be downloaded free from the UKHO website (www.ukho.gov.uk); it includes details of all paper and digital charts and publications and is updated weekly. It is a useful tool to check on the ENC coverage within the region and to show the latest edition dates of both charts and publications.

5. MARITIME SAFETY INFORMATION



5.1 The UK's principal responsibility within the SWPHC region is for its British Overseas Territories of the Pitcairn Islands (Pitcairn, Henderson, Ducie and Oeno Islands), and those Commonwealth of Nations countries where the United Kingdom undertakes primary charting, including Fiji, Kiribati, Solomon Islands, Tuvalu, and Vanuatu. UK maintains close liaison with the NAVAREA Co-ordinators for NAVAREAs XIV (New Zealand), which cover the SWPHC area. Any information received at UKHO which requires urgent promulgation is passed to the respective NAVAREA Co-ordinator on a 24 hr basis.

5.2 With the exceptions of Australia and New Zealand, GMDSS coverage in the SWPHC region is generally sparse and administrations should be encouraged to develop their capabilities and infrastructure and to provide at least Phase One hydrographic capability to promulgate navigational warnings in a timely and efficient manner in their coastal regions, or to utilise the communications facilities of the NAVAREA X and XIV Co-ordinators.

5.3 Assistance with promulgating Notices to Mariners and other paper and electronic chart correcting material should also be encouraged through co-operation with other hydrographic offices in the region if required.

6. C-55 (previously known as S-55) LATEST UPDATE

6.1 As described in the UK Generic National Report, the UKHO is committed to providing regular updates to the C-55 entries for UK Home Waters and its British Overseas Territory of Pitcairn Islands (Pitcairn, Henderson, Ducie and Oeno Islands). For the latest update see C-55; we have incorporated the additional breakdown of chart coverage (percentage of metric and WGS84 charts) as requested in IHO Circular Letter 102/2008.

6.2 UK has also provided assistance to update C-55 entries to other countries, including Fiji, Kiribati, Solomon Islands, Tuvalu, Vanuatu, where the UKHO provides primary charting,

recognising that local input remains critical to the maintenance of C-55 as an up-to-date and authoritative reference document.

7. CAPACITY BUILDING

7.1 UK fully supports the IHO CBSC strategy and particularly its emphasis on getting Phase 1 and appropriate Phase 2 capacity in place to enable coastal states to meet their obligations under SOLAS Chapter V Regulations 4 and 9. UK will continue to contribute resources to both CBSC initiatives and to providing bilateral assistance. UKHO is also fully supportive of the SWPHC CB initiatives some of which are truly innovative e.g. risk based assessment of Vanuatu.

7.2 UK conducted a repeat Technical Visit to the Solomon Islands during 19 February to 2 March 2012 to advise in the rebuilding of national hydrographic capability. One of the recommendations - refresher training for the SIHU's Senior Cartographic Officer, Mr J Dalomae - was subsequently actioned when Mr Dalomae was selected for the Nippon Foundation funded Japan Capacity Building Project's 15 week CAT B Marine Cartography training course.

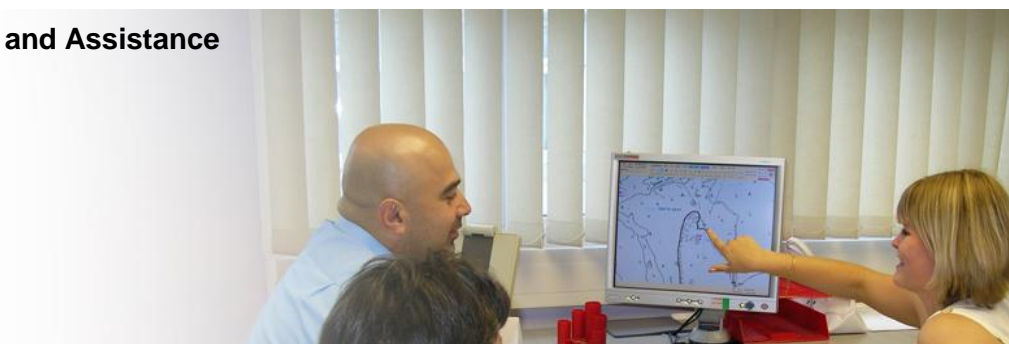
7.3 UKHO has a post dedicated to capacity building. Its key aims are to ensure that capacity building is properly considered in UKHO activity and that UKHO's capacity building activities are fully coordinated. It acts as the initial point of contact for UKHO involvement in capacity building activities, including UK involvement in regional hydrographic commission initiatives and IHO Capacity Building Sub Committee (CBSC) activities. It will have a particular responsibility for UK Overseas Territories and liaison with UK's Foreign and Commonwealth Office and with overseas High Commissions to generate phased development of capability and new survey activity. Further information can be obtained from Mr. Jeff Bryant (Jeff.bryant@ukho.gov.uk). Mr. Bryant is the Capacity Building Coordinator for the MACHC, NIOHC, SAIHC and RSAHC regions.

7.4 Cartographic Training provided by UKHO



A general description of training provided by UKHO is included in the UK Generic National Report. Further details of the training opportunities offered by the UKHO can be found on the UKHO website.

7.5 ENC Training and Assistance



The UKHO strongly supports the successful uptake of ECDIS using ENC, and is happy to assist other nations to produce, maintain and distribute ENCs. Details of courses, sponsorship, venues and options for bespoke training provided by the UKHO are included in the UK Generic National Report.

7.6 Survey Training at Flag Officer Sea Training - Hydrography, Meteorology and Oceanography (FOST-HM)

Nationally and internationally certified courses delivered by FOST-HM in Plymouth, are described in the UK Generic National Report.

8. OCEANOGRAPHIC ACTIVITIES

This is described in the UK Generic National Report.

9. OTHER ACTIVITIES

UK Celebrations for World Hydrography Day

The IHO theme for the 2013 World Hydrography day was

“Hydrography - underpinning the blue economy”

The UKHO will be celebrating World Hydrography Day 2013 at a reception held at the National Oceanography Centre, Southampton on 28th October 2013, hosted by Mr Ian Moncrieff CBE (Chief Executive, UKHO) and Rear Admiral Tom Karsten (National Hydrographer, UKHO).



This year our co-hosts will be the Maritime and Coastguard Agency, Associated British Ports - Southampton and the National Oceanography Centre, reflecting the wide reaching theme. Our guests have been invited from across the maritime sector to a presentation and networking event highlighting the value of hydrography to the UK Economy.

The annual presentation of the Alexander Dalrymple award will be made at the reception. The award is a symbol of recognition for outstanding dedication and contribution to hydrography and as such is an extremely prestigious award in this sector. It takes its name from Alexander Dalrymple who established the Hydrographic Office in 1795 and is regarded as a leading figure in the history of the development of hydrography.

10. CONCLUSION

The UKHO continues its commitment to carrying forward hydrographic activities through the work of the IHO's Regional Hydrographic Commissions, and notes that each commission has its own particular opportunities and challenges.

UK has a strong commitment to the Australasia and the South Pacific Region, through its primary charting within the region and through its continuing interest in developing regional hydrographic self-sufficiency through capacity building measures.

The UK, through the UKHO and the national maritime administration (MCA), continues to pursue opportunities to improve access to bathymetric data gathering in waters around the islands and Nation States for which the UK provides primary charting, particularly in support of South Pacific cruise-ship traffic.

There is a continuing challenge to link the scarce local data gathering resources into a broad programme of prioritised new charts and new editions.

The provision of adequate ENC coverage, in support of the IMO carriage requirement for ECDIS that comes progressively into force from 2012, presents a challenge in the SWPHC region as in other areas of the world.

With a diverse range of shipping interests in the Region, improving the effective distribution of hydrographic publications and updates remains paramount.

Taunton, October 2013

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