



UNITED KINGDOM
NATIONAL REPORT
TO THE
10TH MEETING
OF THE
SOUTH WEST PACIFIC
HYDROGRAPHIC COMMISSION

Honiara, Solomon Islands

9th – 10th November 2010

NOTE: This report supplements the UK Generic National Report 2010, posted on the UKHO website (www.UKHO.gov.uk), and concentrates on UK's activities of direct relevance to the MACHC region. Further details of UKHO's role and other activities may be found on the UKHO website.

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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 benefits which derive from the close liaison which exists between UK's hydrographic office (UKHO) and UK's maritime administration (MCA) in providing a co-ordinated approach to hydrographic and maritime safety representation both nationally and internationally.

UKHO Governance and Targets

1.2 Nothing additional to the UK Generic National Report to report to SWPHC.

UKHO Organization

1.3 Details of UKHO's organization are provided in the UK Generic National Report 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 Nothing additional to the UK Generic National Report to report to SWPHC.

Cooperation and Partnerships

1.5 UKHO 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 promote 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 has met on an annual basis for many years and provides the necessary breadth of interests to ensure that all requirements are taken into account when prioritizing UK's civil hydrographic survey programme.

2.2 Any requests for survey assistance from other nations within this RHC region will be assessed within the MOD, with advice from UKHO.

3. CHARTS

3.1 UK's Generic National Report provides information on UK's portfolio of chart products and services. The following paragraphs provide information specifically relevant to the SWPHC region.

Paper Charts

3.2 Since the last SWPHC meeting, UK has published 17 new adoptions from the Australian (AUS) series and 17 new editions of charts previously adopted.

3.3 Since the last SWPHC meeting, UK has published 7 new editions of charts previously adopted from the New Zealand (NZ) series and no new adoptions.

3.4 In addition to the charts published as bilateral adoptions from the AUS and NZ chart series, detailed in 3.2 and 3.3, the following charts have been published since the last SWPHC meeting. These are primarily to amend charts from local datums to WGS84 Datum.

Chart No	INT No	Title	Publication Date
377	-	Fiji Islands- Approaches to Malau	15/10/09
378	-	Fiji Islands-Savusavu Bay	15/10/09
384	-	Fiji Islands-Ravi Ravi point to Mali Island	22/10/09
385	-	Fiji Islands-Yaqaga Island to Ravi Ravi Passage	15/10/09
386	-	Fiji Islands-Yadua Island to Yaqaga Island	15/10/09
387	-	Fiji Islands-Vata Sea to Viti Levu Bay	15/10/09
389	-	Fiji Islands- Lautoka to Vatia Sewa	22/10/09
488	-	Fiji Islands-Makogai Channel to Nasila Reef	05/11/09
1244	-	Fiji Islands-Levuka Harbour	22/10/09
1494	-	Vanuatu-Efate and Plans	17/12/09
1570	-	Vanuatu-Efate to Espiritu Santo	10/12/09
1575	-	Vanuatu-Ile Pentecote to Torres Islands	10/12/09
1577	-	Vanuatu-Plans in Central Vanuatu	17/12/09
1581	-	Vanuatu-Islands and Anchorages in Southern Vanuatu	17/12/09
1660	-	Fiji Islands-Suva Harbour	19/11/09
1670	-	Fiji Islands-Plans in Viti Levu	22/10/09
1673	-	Fiji Islands-Western Approaches to Suva Harbour	05/11/09
1708	-	Solomon Islands-Bougainville Strait	17/09/09
1709	-	Solomon Islands-Manning Strait	17/09/09
1713	-	Solomon Islands-Sealark Channel and Approaches to Honiara	17/09/09
1714	-	Solomon Islands-Russell Islands	01/10/09
1735	-	Solomon Islands-Plans in the New Georgia Group	01/10/09
1747	-	Solomon Islands-Anchorage in the Solomon Islands	17/09/09
1766	-	Solomon Islands-Harbours in the Solomon Islands	01/10/09
3994	-	Solomon Islands-Bougainville Island to Ghizo Island	24/09/09
3995	-	Solomon Islands-Choiseul Island to New Georgia Island	24/09/09
3996	-	Solomon Islands-Santa Isabel Island to Guadalcanal Island	24/09/09
3997	-	Solomon Islands-Indispensable Strait	24/09/09
3998	-	Solomon Islands-San Cristobal Island to Malaita Island	24/09/09

No charts have been scheduled for publication in the next six months although new editions of AUS and NZ charts are likely.

Charts scheduled for publication in the next six to twelve months include:

NE1674	Fiji Islands – Eastern Approaches to Suva Harbour
NE4600	New Zealand including Norfolk and Campbell Islands
NE480	Nouvelle Caledonie – Noumea
NE991	Plans in the South Pacific Ocean

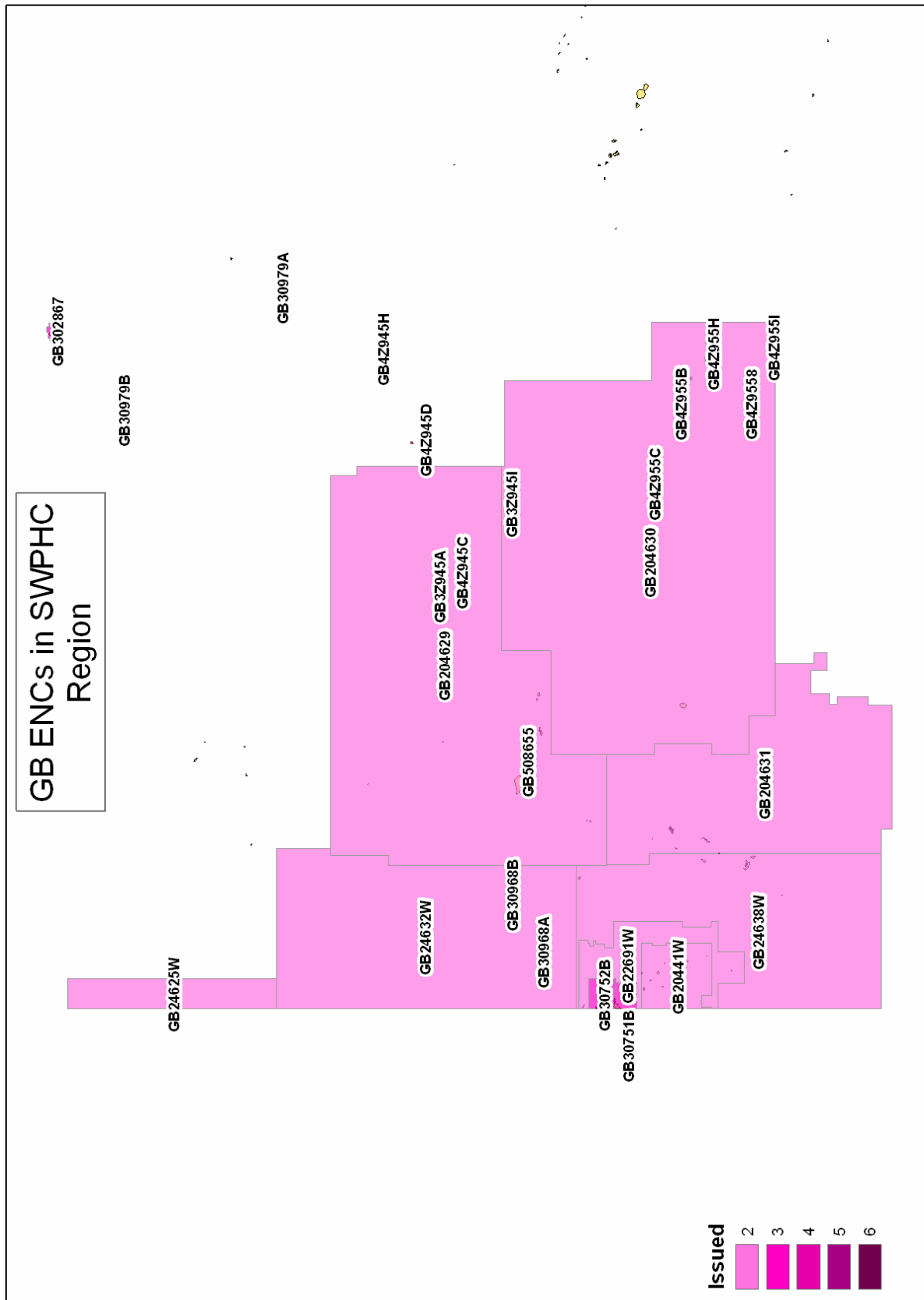
Digital Charts

3.5 As noted in section 3.1, UK's Generic National Report provides information on UK's portfolio of chart products and services. The following paragraphs provide information specifically relevant to the SWPHC region.

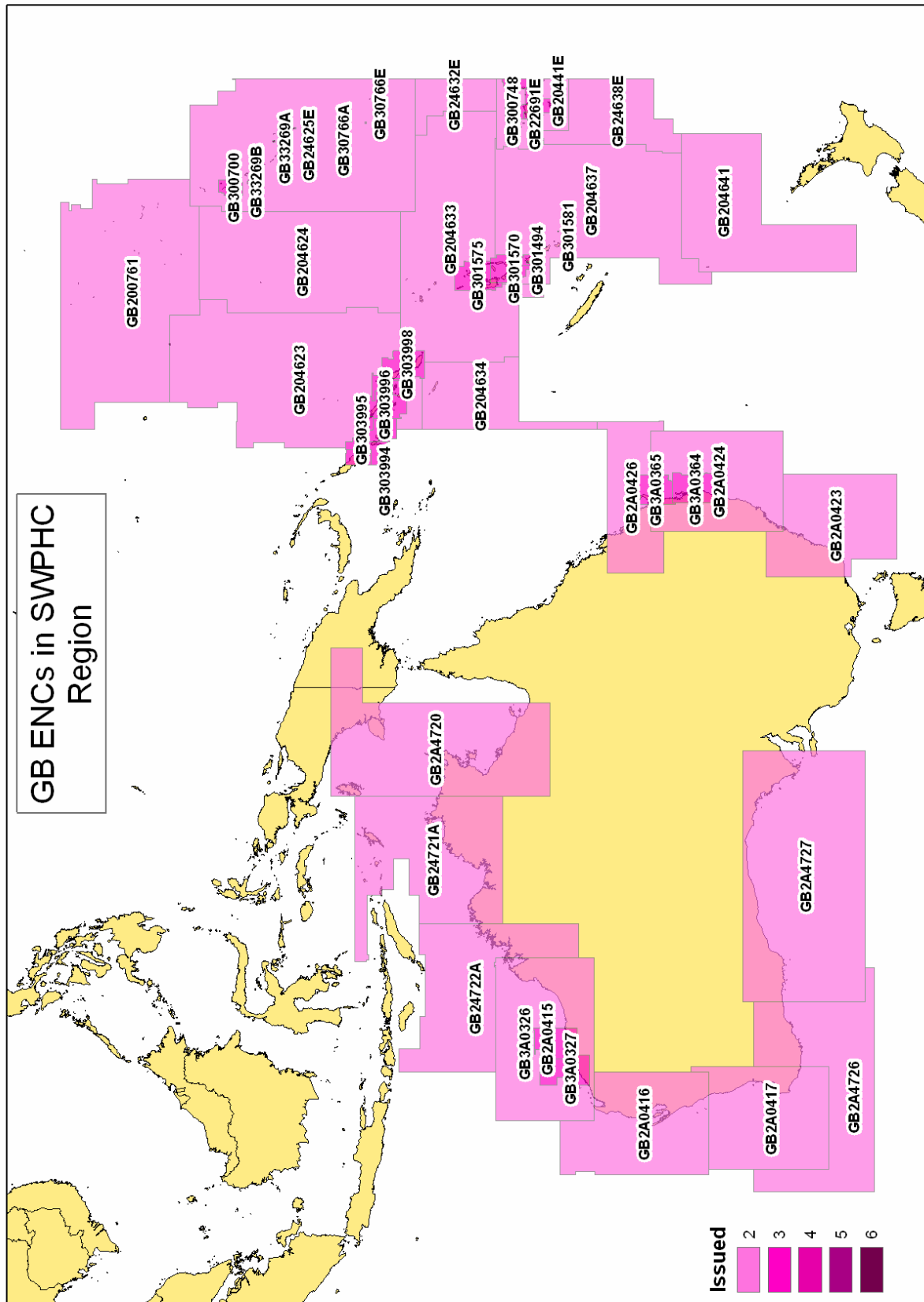
ENCs

3.6 Within the SWPHC region, UK has released a total of 130 ENC cells, comprising 14 Overview, 31 General, 40 Coastal, 25 Approach, 19 Harbour cells and 1 Berthing cells. See diagrams in 3.7 and 3.8. A detailed listing is available, if required.

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



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



ENC Distribution

3.9 UKHO, along with other European hydrographic offices, was a founder member of the International Centre for ENCs (IC-ENC) RENC. 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. Details can be found on the IC-ENC website (www.ic-enc.org).

3.10 The IC-ENC regional office for the Pacific, established in 2005, is operated as AUSRENC by Australia. The IC-ENC model minimises RENC costs and maximises ENC sales potential.

4. PUBLICATIONS

Paper publications

4.1 UK has signed an agreement with Australia in which all copies of the three Australia Pilots will be written by Australia and printed by UK. The first was published in December 2007 but the books are now being written in the UK until the AHS has a new editor trained and in place.

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

New Editions Published since last SWPHC meeting:

NP14	Australia Pilot Vol 2	May 2010
NP15	Australia Pilot Vol 3	Jul 2009
NP34	Indonesia Vol 2	Nov 2009
NP36	Indonesia Pilot Vol 1	Apr 2009

New Editions to be Published:

NP13	Australia Pilot Vol 1	Jun 2011 (current edition 2008)
NP35	Indonesia Pilot Vol 3	Mar 2011 (current edition 2008)
NP51	New Zealand Pilot	Dec 2010 (current edition 2007)
NP60	Pacific Islands Pilot Vol 1	Nov 2012 (current edition 2007)
NP61	Pacific Islands Pilot Vol 2	Mar 2012 (current edition 2006)
NP62	Pacific Islands Pilot Vol 3	Sep 2010 (current edition 2006)

Digital Publications

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

4.4 The Admiralty digital catalogue (version 1.6 recently released) may be downloaded free from the UKHO website (www.ukho.gov.uk); it includes details of all paper and digital charts and publications, including Preliminary and Temporary NMs, 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. MSI

5.1 The UK's principal responsibility within the SWPHC region is for the British Overseas Territory of Pitcairn Islands (Pitcairn, Henderson, Ducie and Oeno Islands). UK maintains close liaison with New Zealand, the coordinator for NAVAREA XIV (covering the western Pacific area) and for those areas where UK continues as primary charting authority.

5.2 UK also maintains close liaison with Australia, the coordinator for NAVAREA X.

5.3 Any information, received at UKHO, which requires urgent promulgation, is passed to the appropriate co-ordinator.

5.4 Many countries have difficulty justifying the costs associated with full GMDSS and MSI facilities. In such cases, UK encourages the establishment of a national authority to act as a focal point for gathering together MSI for the area of responsibility of each country. Significant items are then passed to the appropriate NAVAREA Co-ordinator for broadcast over SafetyNET. Such a system can make a major contribution to maritime safety at relatively little cost, and assist in the development of Phase 1 hydrographic capability.

5.5 The seventh Maritime Safety Information Training Course was conducted on behalf of the IHO Capacity Building Committee and the IHO World-Wide Navigational Warning Service (WWNWS) Sub-Committee between 17-19 August 2010, at the Royal Australia Navy Heritage

Centre, Garden Island, Sydney, Australia. This course was requested by the SWPHC in order to benefit countries in its area of influence.

NGA provided the lead instructor who was ably assisted by an instructor from UKHO and representatives from NAVAREAs X and XIV from AMSA, LINZ and MNZ. This was the second MSI Training Course catering for two NAVAREAs and the first in which the IMO contributed financial assistance towards enabling more than one participant to attend from a particular country.

14 participants attended the course from 12 countries; Cook Islands, Fiji, French Polynesia, New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu, UK, Oman

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

6.1 As described in the UK Generic National Report, UK is committed to providing regular updates to the S-55 entries for UK Home Waters and its Overseas Territories, including, within the SWPHC area, the British Overseas Territory of Pitcairn Islands (Pitcairn, Henderson, Ducie and Oeno Islands). The update correct to January 2010 incorporates the additional breakdown of chart coverage (percentage of metric and WGS84 charts) requested in IHO Circular Letter 102/2008.

6.2 UK has also provided assistance to update S-55 entries to other countries, where UKHO provides primary charting, recognizing that local input remains critical to the maintenance of S-55 as an up-to-date and authoritative reference document.

7. CAPACITY BUILDING

7.1 UK fully supports the IHO CBC 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 CBC initiatives and to providing bilateral assistance.

7.2 Since the last SWPHC meeting, UK has participated in several technical visits and workshops. A delegate attended the Technical Workshop of 9th March 2009 focusing on "Raising the importance of Hydrography in the South West Pacific Region".

7.3 As reported in the UK Generic National Report, 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 co-ordinated. It will act 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 Committee 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).

Cartographic Training provided by UKHO

7.4 A general description of training provided by UKHO is included in the UK Generic National Report. Further details of the training opportunities offered by UKHO can be found on the UKHO website. 23 individuals from the SWPHC region have attended training courses run by UKHO since the last meeting.

ENC Training and Assistance

7.5 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 UKHO are included in the UK Generic National Report.

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

7.6 Nationally and internationally certified courses delivered by FOST-HM (formerly known as HMTG) in Plymouth, are described in the UK Generic National Report.

8. OCEANOGRAPHIC ACTIVITIES

Nothing additional to the UK Generic National Report to report to SWPHC.

9. OTHER ACTIVITIES

UKHO Celebrations for World Hydrography Day

The IHO theme for the 2010 World Hydrography day was: Hydrographic Services – An item crucial to maritime trade.

The UKHO combined the celebrations with a e-navigator conference in Singapore; a World Hydrography Day reception. Conference delegates were invited to the British High Commissioner's residence Eden Hall, in the evening.

The annual presentation of the Alexander Dalrymple award was made at the reception and this year presented to Giles Bessero, of the French Hydrographic Office, for his outstanding contribution to Hydrography.

Nothing to report specific to SWPHC region, other than to reiterate UK's continuing commitment to the work of the SWPHC.

10. CONCLUSION

Nothing further to report.

Taunton, September 2010

UKHO POINTS OF CONTACT

UKHO Website: www.ukho.gov.uk

The general UKHO address is:

United Kingdom Hydrographic Office,
Admiralty Way,
TAUNTON
Somerset
TA1 2DN
United Kingdom

E-mail: internationalrelations.ukho@ukho.gov.uk
Telephone: +44 (0)1823 337900
Fax: +44 (0)1823 284077

For further information on this report, UKHO representation in international fora, and UKHO activities in general, please contact:

Dr Rob Hensley, Head of External Relations, Telephone: +44 (0)1823 337900 ext 3119 E-mail: Rob.Hensley@ukho.gov.uk	or Mr Nigel Sutton, International Relations Manager Telephone: +44 (0)1823 337900 ext 4123 E-mail: Nigel.Sutton@ukho.gov.uk
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For bilateral arrangements and other international partnering matters within the SWPHC region, please contact:

Mr Chris Thorne,
Head of International Partnering (Far East and Australasia)
Telephone +65 6424 4219
E-mail Chris.Thorne@ukho.gov.uk
or Chris.Thorne@fco.gov.uk

For all matters related to charting and hydrographic data in the SWPHC region, please contact:

Mr Paul Fothergill
Regional Team 5 Geographic Manager
E-mail: paul.fothergill@ukho.gov.uk
Telephone: +44 (0)1823 337900 ext. 3605

For matters related to Sailing Directions, please contact:

NP13 (Australia Pilot Vol 1), NP14 Australia Pilot Vol 2), NP15 (Australia Pilot), NP51 (New Zealand) Mr Steve Mason E-mail: steve.mason@ukho.gov.uk	NP60 (Pacific Islands Pilot Vol 1), NP61 (Pacific Islands Pilot Vol 2) NP62 (Pacific Islands Pilot Vol 3) Lt Cdr Keith Creates E-mail: keith.creates@ukho.gov.uk
NP35 (Indonesia Pilot Vol 3) Mr Mark Colman E-mail: mark.colman@ukho.gov.uk	NP36 (Indonesia Pilot Vol 1) Mr Tony Rees E-mail: anthony.rees@ukho.gov.uk