



UNITED KINGDOM NATIONAL REPORT

TO THE

11TH NORTH INDIAN OCEAN

HYDROGRAPHIC COMMISSION MEETING

NEW DELHI, INDIA

1 - 2 March 2011

NOTE: This report supplements the UK Generic National Report 2010, posted on the UKHO website (www.ukho.gov.uk), and describes UK's activities of direct relevance to the NOIHC region.

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 2010. 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 2010 to report to NIOHC.

UKHO Organization

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

Production Systems

1.4 Nothing additional to the UK Generic National Report 2010 to report to NIOHC.

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 the promotion of other forms of cooperation 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 2010, 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 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 survey, and has been successful in promoting cooperation between these organisations.

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 2010 provides information on UK's portfolio of chart products and services. The following paragraphs provide information specifically relevant to the NIOHC region.

Paper Charts

3.2 The following charts have been published since the last NIOHC meeting:

| GB Chart Number | INT Chart | Title | Published |
|-----------------|-----------|---|-----------|
| NC 2623 | - | India, Mumbai Docks | 04-Mar-10 |
| NE 3052 | - | Thailand/Myanmar, Za det Gyi Island to Mu Ko Similan | 11-Mar-10 |
| NE 3941 | - | Thailand, Mo Ko Similan to Ko Lanta Yai | 18-Mar-10 |
| NE 3942 | - | Thailand, Ko Lanta Yai to Ko Tarutao | 06-Apr-10 |
| NC 2630 | - | India, Jawahar Lal Nehru Port and Trombay | 29-Apr-10 |
| NE 157 | 7006 | Masamirit to Bab el Mandeb | 13-May-10 |
| NE 81 | - | Red Sea - Sudan | 10-Jun-10 |
| NE 675 | - | Harbours and Anchorages on the Coast of Sudan | 10-Jun-10 |
| NE 1655 | 7387 | Colombo | 10-Jun-10 |
| NE 2577 | 7151 | Saudi Arabia - Jeddah | 17-Jun-10 |
| NE 2599 | 7150 | Saudi Arabia - Approaches to Jeddah | 17-Jun-10 |
| NC 1488 | - | India, Approaches to Port Pipavav | 22-Jul-10 |
| NE 262 | - | Approaches to Djubouti | 29-Jul-10 |
| NE 4702 | - | Chagos Archipelago to Madagascar | 12-Aug-10 |
| NE4701 | 701 | Maputo to Muqdisho | 12-Aug-10 |
| NE 4702 | 702 | Chagos Archipelago to Madagascar | 12-Aug-10 |
| NE 4713 | - | Ile de la Reunion to Ile Saint-Paul | 12-Aug-10 |
| NC 319 | - | India, sacremento Shoal to Kalingapattnam | 26-Aug-10 |
| NC 321 | - | India, Gopalpur to Paradip | 26-Aug-10 |
| NC 2623 | - | India, Mumbai Docks | 04-Mar-10 |
| NC 319 | - | India, Sacramento Shoal to Kalingapattnam | 26-Aug-10 |
| NC 321 | - | India, Gopalpur to Paradip | 26-Aug-10 |
| NE 3784 | 7014 | Arabia, SE Coast of Oman | 23-Sep-10 |
| NE 673 | - | India - Ports and anchorages in the Gulf of Kacchcch | 7-Oct-10 |
| NE 575 | - | Anchorages on the East Coast of India | 21-Oct-10 |
| NC 569 | - | Krishnapatnam and Approaches | 28-Oct-10 |
| NC 3493 | - | Sudan - Basheyer | 27-Jan-11 |
| NE 859 | - | Bangladesh and India, Raimangal River to Elephant Point | 27-Jan-11 |
| NE 670 | - | India, Kachchh | 1-Feb-11 |
| NE 4072 | - | Indian Ocean, Western Part | 10-Feb-11 |
| NE 4071 | - | Indian Ocean, Northern Part | 17 Feb-11 |
| NE 4707 | 707 | Maldives to Sumatera | 24-Feb-11 |

3.3 Charts scheduled for publication in the next six months include:

- NE 4073 Indian Ocean, Eastern Part
- NE 2624 India, Port of Mumbai
- NC 320 India, Kalingapatnam to Gopalpur
- NC 74 India, Approaches to Mandapam
- NC 538 India, Paradip & Approaches
- NC 234 India, Gangavaram Port
- NC 318 India, Ramaypatnam to Sacramento Shoal

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

- NE 4070 Indian Ocean Southern Part
- NE 742 Seychelles Group - Mahe, Praslin and adjacent islands
- NE 233 Suez Canal (Qanat as Suways)
- NE 82 Sudan, Approaches to Port Sudan
- NE 2577 Saudi Arabia – Jeddah
- NE 2599 Saudi Arabia - Approaches to Jeddah
- NE 2658 Red Sea - Saudi Arabia - Outer Approaches to Mina` al Jeddah (Jiddah)
- NE 1926 Red Sea Eritrea - Aseb Bay
- NE 16 Red Sea - Saudi Arabia - Jizan

- NE 328 Red Sea - Saudi Arabia - Madinat Yanbu` as Sina`iyah - Mina' al Malik Fahd

Digital Charts

3.4 As noted in section 3.1, UK's Generic National Report 2010 provides information on UK's portfolio of chart products and services. The following paragraphs provide information specifically relevant to the NIOHC region.

ENCs

3.5 Within the NIOHC region, UK has released a total of 120 ENC cells, No new cells have been added since the last NIOHC meeting. However the number of GB cells within the NIOHC has been reduced by 3. These cells were included in last years analysis but we do not consider that they should of as most of their coverage is outside the NIOHC. Coverage currently comprises 27 Harbour, 40 Approach, 34 Coastal, 14 General and 5 Overview cells. See diagrams in 3.7 and 3.8.

3.6 Details of the changes since the last NIOHC meeting:

Overview:

Two cells have been removed as they are outside of the NIOHC limit.

General:

No Change

Coastal:

One cell removed as it is outside of the NIOHC limit.

The capture of GB300732 has been suspended as additional work has to be completed to ensure positional accuracy with WGS84.

Approaches:

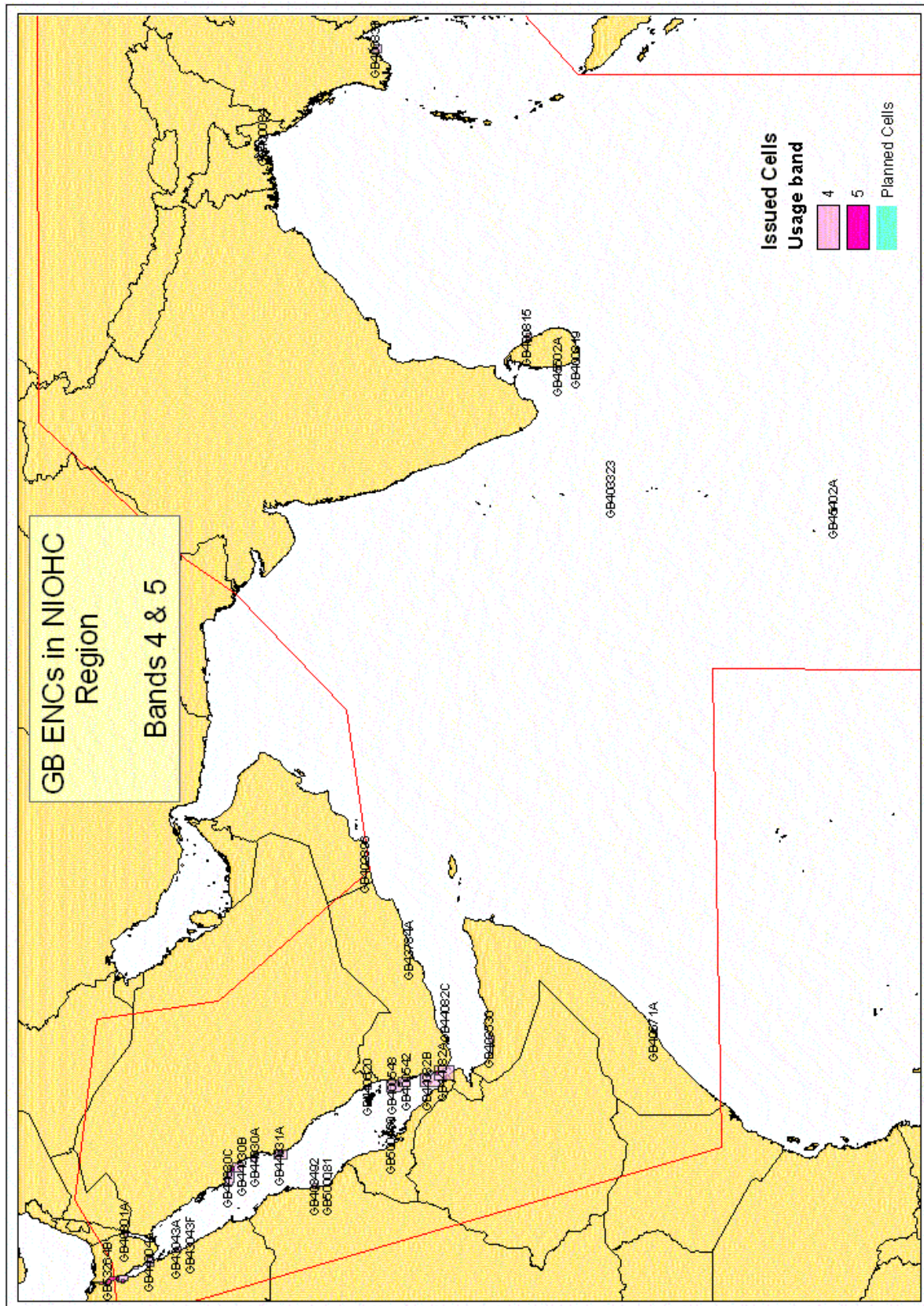
The capture of GB400732 has been suspended as additional work has to be completed to ensure positional accuracy with WGS84.

GB40671C and GB403700 are currently being progressed.

Harbours:

No Change

3.8 GB Coverage of Approach (Band 4) and Harbour (Band 5) Cells



ENC Distribution

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

4. PUBLICATIONS

Paper publications

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

New Editions Published since last NIOHC meeting:

| | | |
|------|---------------------------|--------|
| NP3 | Africa Pilot Volume III | May 10 |
| NP38 | West Coast of India Pilot | Jun 10 |

New Editions to be published:

| | | |
|------|---|--------|
| NP63 | Persian Gulf Pilot | Mar 11 |
| NP39 | South Indian Ocean Pilot | Jun 11 |
| NP44 | Malacca Strait and West Coast of Sumatera Pilot | Mar 12 |
| NP64 | Red Sea and Gulf of Aden Pilot | Sep 12 |

Digital Publications

4.2 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.

4.3 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. MSI

5.1 The UK's principal responsibility within the NIOHC region is for its Overseas Territory of British Indian Ocean Territory (BIOT), which is an almost exclusively military facility and therefore any MSI broadcast from there is to meet military needs rather than those of the GMDSS. UK maintains close liaison with India, the coordinator for NAVAREA VIII. and for those areas where UK continues as primary charting authority.

5.2 UK also maintains close liaison with Pakistan, the coordinator for NAVAREA IX.

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

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

6.1 As described in the UK Generic National Report 2010, UK is committed to providing regular updates to the C-55 entries for UK Home Waters and its Overseas Territories, including, within the NIOHC area.

6.2 UK has also provided assistance to other countries to update C-55 entries, where UKHO retains the primary charting responsibility; recognizing 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 Capacity Building Sub-Committee (CBSC) strategy and particularly its emphasis on putting in place 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.

7.2 Since the last NIOHC meeting, UK has provided Phase 1 capacity building support with the successful delivery of a WWNWS course for the NIOHC and neighbouring ROPME commission. This course was held in Muscat, Oman, in October 2009 and lecturers were provided by the UKHO, US and Pakistan.

7.3 As reported in the UK Generic National Report 2010, 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 Sub-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 2010. Further details of the training opportunities offered by UKHO can be found on the UKHO website. In the past year training has been provided to a delegates from Pakistan and Oman on the UKHO ENC Bursary programme. Delegates from Oman, Bangladesh and Sri Lanka were selected to attend Module 1 of the UKHO category B course sponsored by the IHB and delivered in Singapore in Feb 2010.

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 2010.

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 2010.

8. OCEANOGRAPHIC ACTIVITIES

Nothing additional to the UK Generic National Report 2010 to report to NIOHC.

9. OTHER ACTIVITIES

UK 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 an '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.

10. CONCLUSION

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. The particular challenges facing NIOHC are those of capacity building and the provision of adequate chart coverage for the region. 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 NIOHC region as well as others.

Taunton, January 2011

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:

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| 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 NIOHC 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

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

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| Most of NIOHC region: Mr Stan Rogers, Geographic Manager Regional Team 4 E-mail: Stan.Rogers@ukho.gov.uk Telephone: +44 1823 337900 ext 3029 | Mauritius and Seychelles: Ms Cathy Tunks, Geographic Manager Regional Team 3 E-mail: cathy.tunks@ukho.gov.uk Telephone: +44 1823 227900 ext 4133 |
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For matters related to Sailing Directions, please contact:

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| NP 38 (W coast of India), NP 39 (S Indian Ocean), NP 63 (Persian Gulf), NP64 (Red Sea): Capt Hemant Vora E-mail: hemant.vora@ukho.gov.uk | NP 21 (Bay of Bengal): Capt Mark Colman E-mail: mark.colman@ukho.gov.uk |
| NP 3 (Africa Pilot Volume III): Mr Richard Ley E-mail: richard.ley@ukho.gov.uk | NP 44 (Malacca Strait): Lt Cdr Steve Lewis E-mail: steve.lewis@ukho.gov.uk |