



UNITED KINGDOM  
NATIONAL REPORT  
TO THE  
10<sup>TH</sup> NORTH INDIAN OCEAN  
HYDROGRAPHIC COMMISSION MEETING  
DHAKA, BANGLADESH  
23 - 24 FEBRUARY 2010

**NOTE:** This report supplements the UK Generic National Report 2009, posted on the UKHO website ([www.ukho.gov.uk](http://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 2009. 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 2009 to report to NIOHC.

### UKHO Organization

1.3 Details of UKHO's organization 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 2009 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 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 2009, 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 co-operation 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 2009 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
NE 5501	—	SUEZ CANAL Routeing Guide	5-Mar-09
NE 699	—	India - Sikka	19-Mar-09
NE 492	—	India - Mormugoa and Panaji with Approaches	2-Apr-09
NE 65	—	India - Port Kotchi	25-Jun-09
NE 6	—	Gulf of Aden (Yemen)	22-Oct-09
NE 813	-	Sri Lanka – Colombo to Sangama Kanda Point	05-Nov-09
NE 815	-	Sri Lanka – Approaches to Trincomalee	05-Nov-09
NE816	-	Sri Lanka – Trincomalee Harbour	05-Nov-09

NE1583	-	Sri Lanka – Little Basses Reef to Pulmoddai Roads	12-Nov-09
NE3265	-	Sri Lanka – Weligama to Little Basses Reef	12-Nov-09
NE 3700	-	Sri Lanka – Wiligama to Colombo	19-Nov-09
NE1584	-	Sri Lanka – Trincomalee to Point Calimere	19-Nov-09
NE 833	7442	Rangoon River and Approaches	10-Dec-09
NC 571	7403	India - Chennai Harbour	24-Dec-09
NC 573	7402	India - Approaches to Chennai	24-Dec-09
NC 576	7366	India – Tuticorin and Approaches	24-Dec-09
NE 84	-	Bangladesh - Approaches to Chittagong	21-Jan-10
NE 216	-	Andaman Sea - Myanmar and Thailand - Mergui Archipelago	21-Jan-10

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

- NE 3052 Burma and Thailand - Za Det Gyi Island to Mu Ko Similan
- NC 321 (INT7416) India – Gopalpur to Paradip
- NC 320 (INT7413) India – Kalingapatnam to Gopalpur
- NC 2630 (INT7338) India – Jawaharalal Nehru Port and Trombay
- NC 319 (INT7408) India – Sacramento Shoal to Kalingapatnam
- NE 157 (INT7006) Red Sea – Masamir to Bab El Mandab
- NC 2623 India – Mumbai Docks
- NC1488 India – Pipivav and Approaches
- NE 1655 Sri Lanka - Colombo

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

- NC 3493 Sudan – Basher Oil Terminal

### Digital Charts

3.4 As noted in section 3.1, UK's Generic National Report 2009 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 123 ENC cells, 10 of them since the last NIOHC meeting. Coverage currently comprises 27 Harbour, 40 Approach, 35 Coastal, 14 General and 7 Overview cells. See diagrams in 3.9 and 3.10.

3.6 Details of the 10 ENC cells released since the last NIOHC meeting follow:

#### Overview:

No new cells released

#### General:

GB200829 Indian Ocean, Bay of Bengal - Northern Part

#### Coastal:

No new cells released

#### Approaches:

GB40671A Africa - East Coast - Somalia - Approaches To Muqdisho

GB41583A Sri Lanka - East Coast - Pulmoddai Roads

GB41583B Sri Lanka - East Coast - Batticaloa Roads

GB43043B Red Sea - Ports On The Coast Of Egypt - Hurghada (Al Ghardaqa)

GB43043D Red Sea - Egypt - Approaches To Berenice (Barnis)

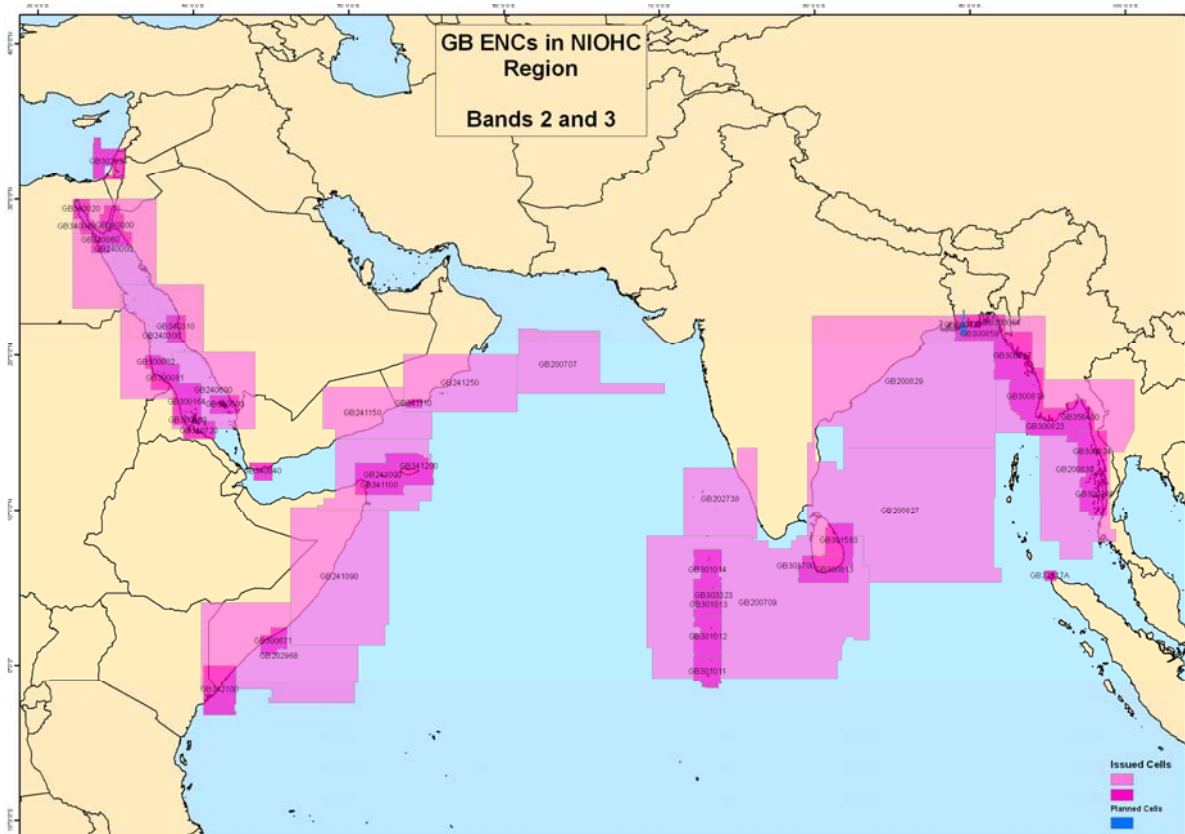
GB43043F Ports On The Coast Of Egypt - Al Qusayr

Harbours:

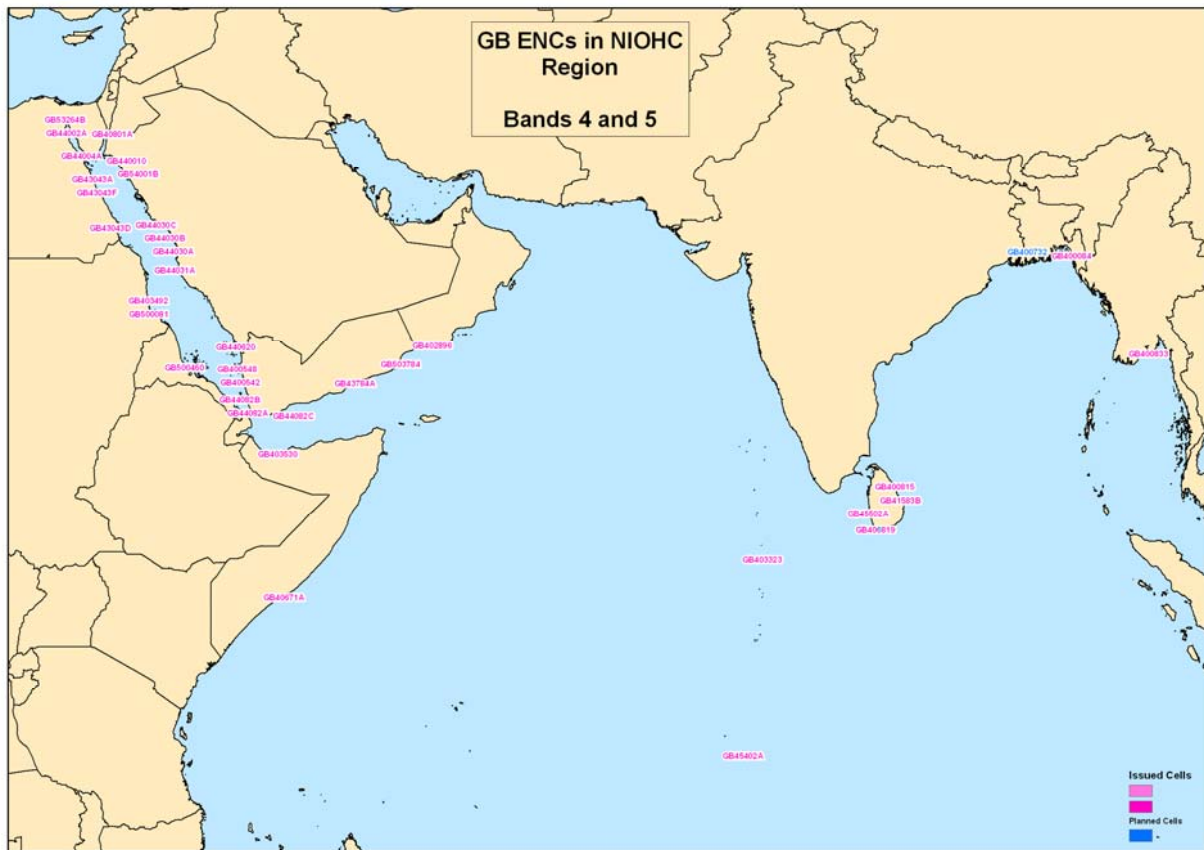
- GB503784      Yemen – Nishtun
- GB50671B     Africa - East Coast - Somalia – Muqdisho
- GB53492B     Red Sea - Sudan - Marsa Gwiyai

3.7      A further 4 cells are currently in progress and scheduled for completion in the next year, including, 3 Approach and 1 Coastal.

3.8      GB Coverage of General (Band 2) and Coastal (Band 3) Cells



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



#### ENC Distribution

3.10 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 the shipping industry to its value added resellers. Details can be found on the IC-ENC website ([www.ic-enc.org](http://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:*

NP 64	Red Sea and Gulf of Aden Pilot	Sep 2009
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*New Editions to be published:*

NP 3	Africa Pilot Volume III	May 10
NP 38	West Coast of India Pilot	Jun 10
NP 44	Malacca Strait and West Coast of Sumatera Pilot	Dec 10
NP 63	Persian Gulf Pilot	Mar 11

### 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](http://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 2009, 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, British Indian Ocean Territory. The update correct to 31 December 2008 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 C-55 entries to other countries, 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 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.

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 2009, UKHO has created a new 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](mailto: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 2009. 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 delegates from Bangladesh and Sri Lanka on the UKHO Bursary programme. Also an officer from Pakistan was selected to attend the NIPPON Foundation funded UKHO Category B programme, Hydrographic Data Processing and Marine Cartography.

## **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 2009.

## **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 2009.

## **8. OCEANOGRAPHIC ACTIVITIES**

Nothing additional to the UK Generic National Report 2009 to report to NIOHC.

## **9. OTHER ACTIVITIES**

### **UK Celebrations for World Hydrography Day**

The 75-year-old sloop, HQS Wellington, was an ideal backdrop to an evening reception, run annually, to raise the profile of the importance of hydrography to Safety of Life at Sea (SOLAS) and to highlight this year's World Hydrography Day theme of the significant contribution that hydrography makes to the protection of the marine environment.

In support of this, UKHO prepared a range of information leaflets and display boards to highlight the role we play in conjunction with other agencies such as Department for Environment Food and Rural Affairs, Maritime Coastguard Agency, Ordnance Survey, British Geological Survey, the Environment Agency and the Met Office for cross-government benefit. Data can be drawn from the agencies

These agencies activities include:

- projects concerned with flood prediction and mitigation,
- the development of digital products,
- passage of the Marine Bill through Parliament,
- formation of a Marine Management Organisation to regulate and optimise the management of offshore interests amongst mariners, economic exploitation, conservationists, researchers and any area of the community with interests in maritime data.

Mike Robinson, UKHO Chief Executive, said "World Hydrography Day is an important event which aims to take to a wider audience the objectives and achievements of the hydrographic community, and increase awareness of the critical role that hydrography plays in all our lives."

UK National Hydrographer, Rear Admiral Ian Moncrieff, said "In meeting the requirements of Safety of Life at Sea legislation UKHO is already not only helping to protect the mariner but the marine environment too, but on the wider canvas we have an increasing role to play in the non-navigational use of our data."

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

## **10. CONCLUSION**

Nothing further to report.

Taunton, January 2010

## UKHO POINTS OF CONTACT

UKHO Website: [www.ukho.gov.uk](http://www.ukho.gov.uk)

The general UKHO address is:

United Kingdom Hydrographic Office,  
Admiralty Way,  
TAUNTON  
Somerset  
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United Kingdom

E-mail: [internationalrelations.ukho@ukho.gov.uk](mailto:internationalrelations.ukho@ukho.gov.uk)  
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For further information on this report, UKHO representation in international fora, and UKHO activities in general, please contact:

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For bilateral arrangements and other international partnering matters within the NIOHC region, please contact:

For most of NIOHC region: Mr Chris Thorne, Head of International Partnering (Far East and Australasia) Telephone +65 6424 4219 E-mail <a href="mailto:Chris.Thorne@ukho.gov.uk">Chris.Thorne@ukho.gov.uk</a>	For Bangladesh, Egypt and Saudi Arabia: Mr Jeff Bryant, Head of International Partnering (Mid East, N Africa) Telephone: +44 (0)1823 337900 ext 3821 E-mail: <a href="mailto:Jeff.Bryant@ukho.gov.uk">Jeff.Bryant@ukho.gov.uk</a>
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For all matters related to charting and hydrographic data in the NIOHC region, please contact:

Most of NIOHC region: Mr Stan Rogers, Head of Regional Team 4A E-mail: <a href="mailto:Stan.Rogers@ukho.gov.uk">Stan.Rogers@ukho.gov.uk</a> Telephone: +44 1823 337900 ext 3029	Mauritius and Seychelles: Mr Graham Denslow, Head of Regional Team 3B E-mail: <a href="mailto:Graham.Denslow@ukho.gov.uk">Graham.Denslow@ukho.gov.uk</a> Telephone: +44 1823 227900 ext 4133
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For matters related to Sailing Directions, please contact:

NP 38 (W coast of India), NP 39 (S Indian Ocean), NP 63 (Persian Gulf), NP64 (Red Sea): Capt Hemant Vora E-mail: <a href="mailto:hemant.vora@ukho.gov.uk">hemant.vora@ukho.gov.uk</a>	NP 21 (Bay of Bengal): Lt Cdr Mark Danson-Hatcher E-mail: <a href="mailto:markd-hatcher@ukhorev05.u-net.com">markd-hatcher@ukhorev05.u-net.com</a>
NP 3 (Africa Pilot Volume III): Mr Richard Ley E-mail: <a href="mailto:richard.ley@ukho.gov.uk">richard.ley@ukho.gov.uk</a>	NP 44 (Malacca Strait): Lt Cdr Keith Creates E-mail: <a href="mailto:keith.creates@ukho.gov.uk">keith.creates@ukho.gov.uk</a>