



EAtHC11-09.1E

# UNITED KINGDOM NATIONAL REPORT

TO THE

11<sup>th</sup> MEETING

OF THE

EASTERN ATLANTIC  
HYDROGRAPHIC COMMISSION

Accra, Ghana

24<sup>th</sup> – 26<sup>th</sup> November 2010

**NOTE:** This report supplements the UK Generic National Report 2010, posted on the UKHO website ([www.UKHO.gov.uk](http://www.UKHO.gov.uk)), and concentrates on UK's activities of direct relevance to the EAtHC 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 EAtHC.

### **UKHO Organization**

1.3 Details of UKHO's organization are provided in the UK Generic National Report 2010 (section 1) together with general contact details. Specific contact details relevant to the EAtHC region are included at the end of this report.

### **Production Systems**

1.4 Nothing additional to the UK Generic National Report to report to EAtHC.

### **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 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 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 nations within this RHC region will be assessed within the MOD, with advice from UKHO. UKHO can also contribute to project management of hydrographic surveys.

## **3 CHARTS**

3.1 UK's Generic National Report provides information on UK's portfolio of chart products and services; information is also provided on the UKHO website. The following paragraphs provide information specifically relevant to the EAtHC region.

## Paper Charts

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

Chart	GB	INT	Title	Published
NE	3427	1832	Approaches to Brest	29 Jan 09
NE	3428	1833	Brest	29 Jan 09
NE	3429	-	Rade de Brest	29 Jan 09
NE	1172	-	Puertos de Bermeo and Mundaka	12 Feb 09
NE	2646	-	Pointe de Penmarc'h to Ile d'Yeu	26 Feb 09
NE	1001	1994	Dakar Port and Roadstead	5 Mar 09
NE	1000	1993	Approaches to Dakar, Baie de Gorée	05-Mar-09
NE	1001	1994	Dakar Port and Roadstead	05-Mar-09
NE	1380	-	Ports and Anchorages in Ghana, Togo and Benin	30-Apr-09
NE	3257	1870	Viana do Castelo and Approaches	7 May 09
NE	3258	1871	Approaches to Leixoes and Barra do Rio Douro	7 May 09
NE	1383	2806	Lagune Aby to Tema	14 May 09
NE	1383	2806	Lagune Aby to Tema	14-May-09
NC	2647	1708	Ile d'Ouessant to Ile de Batz	21 May 09
NE	91	1812	Cabo de Sao Vincente to the Strait of Gibraltar	11 Jun 09
NE	87	-	Cabo Finisterre to the Strait of Gibraltar	11 Jun 09
NE	1762	-	Vilagarcia de Arousa	25 Jun 09
NE	3103	2873	Port d'Abidjan	09-Jul-09
NE	3259	1880	Approaches to Setubal	27 Aug 09
NE	3260	1881	Setubal, Carraca to Ilha do Cavalo	27 Aug 09
NE	3220	1875	Entrance to Rio Tejo including Baia de Cascais	24 Sept 09
NE	3221	1876	Lisboa – Paco de Arcos to Terreiro do Trigo	24 Sept 09
NE	3222	1877	Lisboa, Alcantara to Canal do Montijo	24 Sept 09
NE	2819	-	Chaussee de Sein to Pointe de Penmarc'h	29 Oct 09
NE	2820	-	Pointe de Penmarc'h to Pointe de Trevignon	29 Oct 09
NE	2821	-	Ile de Penfret to Plateau des Birvideaux	29 Oct 09
NE	1117	1856	Puerto de Ferrol	19 Nov 09
NE	1118	1855	Ria de Ferrol	19 Nov 09
NE	412	2858	Conakry and Approaches	19-Nov-09
NE	1384	2807	Tema to Cotonou	19-Nov-09
NE	1847	1929	Santa Cruz de Tenerife	24-Dec-09
NE	1142	1854	Ria de Aviles	25 Feb 10
NE	2743	1844	Approaches to La Rochelle	4 Mar 10
NE	595	2807	Sassandra to Lagos	18 Mar 10
NE	3113	-	Cape Three Points to Saltpond	18-Feb-10
NE	3432	-	Saltpond to Tema	18-Feb-10
NE	595	2087	Sassandra to Lagos	18-Mar-10
NE	1385	2808	Cotonou to Pennington River	18-Mar-10
NE	307	2550	Cabeca da Cobra to Cabo Ledo	25-Mar-10
NE	2664	-	Pointe de la Coubre to Pointe D'Arcachon	15-Apr-10
NE	3641	-	Loctudy to Concarneau	15-Apr 10
NE	89	-	Cabo de Sao Vicente to Faro	22-Apr-10
NE	3634	-	Montedor to Cabo Mondego	22-Apr-10
NE	3635	-	Cabo Mondego to Cabo Espichel	22-Apr-10
NE	3636	-	Cabo Espichel to Cabo de Sao Vicente	22-Apr-10
NC	2371	-	France - West Coast Golfe du Morbihan	29-Apr-10
NC	1290	1807	Spain - Cabo de San Lorenzo to Cabo Ortegal	20-May-10
NC	1291	1806	Spain - Santona to Gijon	20-May-10
NC	1292	1805	Spain Mimizn-Plage to Cabo de Ajo	20-May-10
NE	607	-	Riviere Saloum	27-May-10
NE	1456	-	Port de Douala and Approaches	10-Jun-10
NE	2742	3252	Ceuta	24 Jun 10

Chart	GB	INT	Title	Published
NC	305	-	Gamba to Pointe Tchitembo	15-Jul-10
NE	1912	-	Ports on the North and West Coasts of Morocco	22-Jul-10
NE	1154	1853	Gijon	22-Jul-10
NE	1731	1858	Vigo	29 Jul 10
NE	1145	1852	Santander	26 Aug 10
NE	1685	-	Camara de Lobos to Ponta de Sao Lourenco - Including the Ports of Funchal and Canical	23 Sept 10
NC	1684	-	Maderia - Ponta Gorda to Ponta de Sao Lourenco inc the Port of Funcha	23-Sep-10
NE	1685	-	Maderia - Camara de Lobos to Ponta de Sao Lourenco	23-Sep-10
NE	306	2814	Pointe Tchitembo to Cabeça da Cobra	07-Oct-10
NE	2981	-	Pointe De Saint-Gildas to Goulet De Fromentine	28-Oct-10
NE	2986	-	Approaches to La Loire	28-Oct-10
NE	1321	-	Ports and Terminals in the Gulf of Guinea	04-Nov-10

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

Chart	GB	INT	Title
NE	3286	-	Approaches to Bonny River
NE	3287	-	Bonny River, Field Point to Ford Point
NE	3288	-	Bonny River, Ford Point to Port Harcourt
NE	2812	2891	Lagos Harbour
NE	1381	-	Approaches to Lagos
NE	4216	216	North East Coast of South America
NE	3224	1883	Approaches to Sines
NE	3227	1872	Aveiro & Approaches
NE	856	-	Oued Sebou to Casablanca
NE	860	-	Approaches to Casablanca and Mohammedia
NE	862	-	Al Jadida- Jorf Lasfar- Safi and Approaches
NE	611	-	Cabo Roxo to Port Kamsar
NE	1724	-	Canal do Geba and Bissau
NE	1726	-	Appr. to Canal do Geba and Rio Cacheu
NE	1727	-	Bolama and Approaches
NE	1831	-	Arquipelago da Madeira
NE	1699	-	Nouadhibou
NE	2663	-	Ile d'Yeu to Pointe de la Coubre
NE	89	-	Cabo de Sao Vicente
NE	91	1812	Cabo de Sao Vicente to the Strait of Gibraltar
NE	1730	-	Ria de Vigo
NE	87	-	Cabo Finisterre to the Strait of Gibraltar
NE	3635	-	Cabo Mondego to Cabo Espichel
NE	3636	-	Cabo Espichel to Sao Vicente
NE	142	-	Strait of Gibraltar
NE	3132	-	Strait of Gibraltar to Arquipelago da Madeira

3.4 Charts scheduled beyond that include:

Chart	GB	INT	Title
NE	3102	-	Ghana, Takoradi and Sekondi Bays
NC	1392	2881	Ports in Cote d'Ivoire - Lome, Kepeme and Cotonou
NC	1391	2881	Ports in Ghana - Accra and Tema
NE	658	-	Entrance to River Congo
NE	1322	-	Ports and Anchorages in Central West Africa
NE	3285	-	Angola Oil Terminals and Pointe-Noire, Congo

Chart	GB	INT	Title
NE	1356	-	Bahia de Corisco to Estuaire du Gabon
NE	601	-	Conakry to Cape Saint Ann
NE	617	-	Sherbro River
NE	4103	103	English Channel to the Strait of Gibraltar and the Arquipelago dos Acores
NE	4114	-	Arquipelago dos Acores to Flemish Cap
NE	4104	104	Lisboa to Freetown
NE	4115	-	Arquipelago dos Acores to the Arquipelago de Cabo Verde
NE	4215	215	Recife to Dakar
NE	4209	209	Freetown to Luanda
NE	4203	203	Ascension Island and Luanda to Walvis Bay
NE	4202	202	East Coast of South America

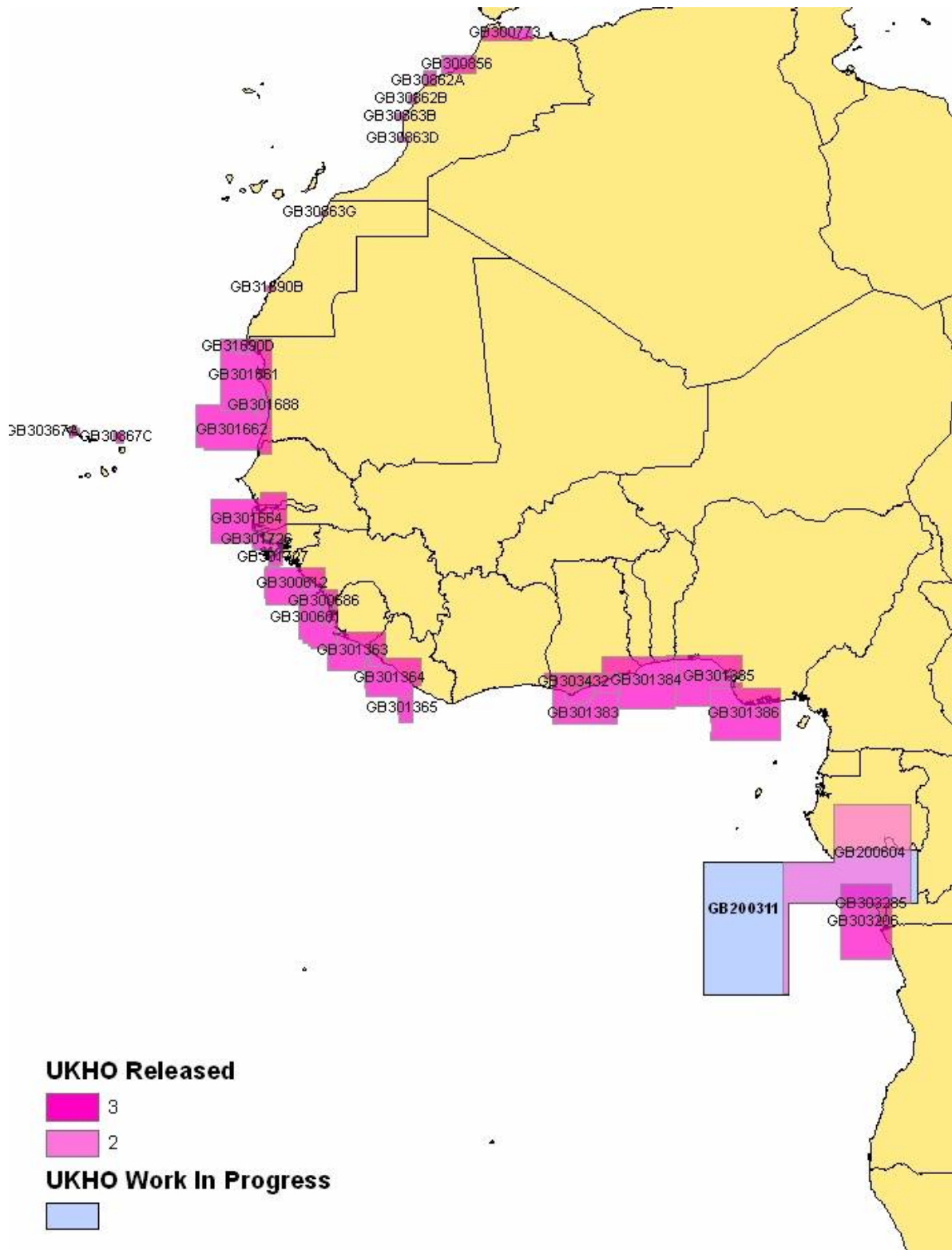
## Digital Charts

### ENCs

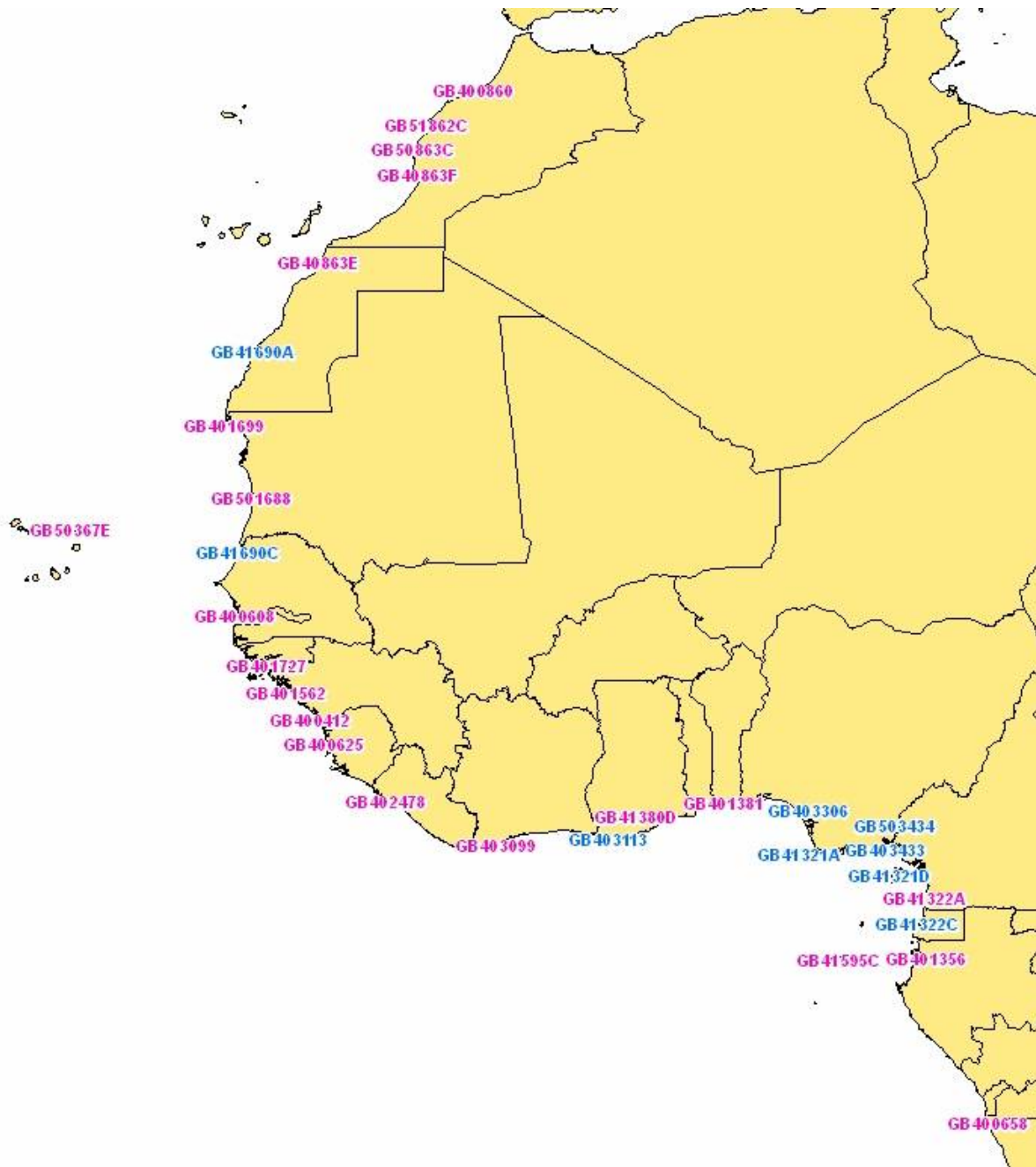
3.5 Within the EAtHC region, UK has released a total of 89 ENC cells, 19 of them since the last EAtHC meeting. Coverage currently comprises 24 Harbour, 26 Approach, 34 Coastal, 1 General and 4 Overview cells. See diagrams in 3.a.12 and 3.a.13. A detailed listing has been provided to the EAtHC Chair and to the INT Region G Chart Coordinator.

3.6 A further 17 cells are currently in progress. GB200311 is due to replace GB200604 in October 2010.

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



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



3.9 UKHO, along with other European hydrographic offices, was a founder member of the International Centre for ENC (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](http://www.ic-enc.org)).

## 4 PUBLICATIONS

### General

4.1 Information on UK's publication portfolio is available from UKHO website. The following paragraphs provide information specifically relevant to the EAthC region.



### **Paper publications**

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

New Editions Published since last EAtHC meeting:

NP1	Africa Pilot Volume I	June 2009
NP67	W Coasts of Spain and Portugal Pilot	January 2009
NP22	Bay of Biscay Pilot	August 2010

New Edition to be Published:

NP2	Africa Pilot Volume 2 2007)	March 2011 (current edition)
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### **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 may be downloaded free from the UKHO website; 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 EAtHC region is for those areas where UK continues as primary charting authority, including Gambia, Ghana, Nigeria and Sierra Leone.

5.2 UK maintains close liaison with France, the coordinator for NAVAREA II, as well as, with the coordinators of adjacent NAVAREAs. Any information, received at UKHO, which requires urgent promulgation, is passed to the appropriate co-ordinator. It is understood that plans for 2 new NAVTEX stations in Nigeria (in Lagos and Bonny) are at an advanced stage, and the Ivory Coast and Ghana have provisional plans to install new NAVTEX stations. Notwithstanding the historical lack of GMDSS facilities in the region, it may not be necessary to establish two new NAVTEX stations in such close proximity to each other. The NAVAREA II Co-ordinator has undertaken the responsibility to coordinate the developments in this area, to ensure that a strategic approach is adhered to, taking into account the character and volume of information likely to be transmitted in relation to the maritime traffic patterns in the region. In November 2009, Senegal announced full operational status of a new NAVTEX station at Dakar on 518 kHz and 490 kHz using B1 characters [C] and [M] respectively.

## **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 C-55 entries for UK Home Waters and its Overseas Territories. See C-55 on IHO website for the latest update.

6.2 UK also provides assistance to update C-55 entries to countries such as Gambia, Ghana, Nigeria and Sierra Leone, 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**

### **Offer of and/or demand for 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 bilateral assistance.

7.2 Since the last EAthC meeting, UK has participated in numerous technical workshops, in a number of RHC areas.

7.3 UKHO has created 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 – contact details at the end of this report.

### **Training received, needed, offered**

#### *Training provided by UKHO*

7.4 The UK Generic National Report, posted on the IHO website, includes a general description of training provided by UKHO. Further details of the training opportunities offered by UKHO are provided on the UKHO website.

7.5 The fourth 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 15-17 September 2009, at the Regional Maritime University of Accra, Ghana. This course was requested by the EAthC in order to benefit countries in its area of influence.

UKHO provided the lead instructor who was ably assisted by two instructors from SHOM and one from NGA. This was the first MSI Training Course conducted in dual languages (English/French). NAVAREA II Coordinator had prepared hard copy versions of all the PowerPoint presentations in French, and although all the lectures and practical exercises were conducted in English, a synopsis and question/answer session in French was conducted at the end of each session.

17 participants attended the course from 10 countries; Ghana, Bénin, Gambia, Guinea Bissau, Guinée, Côte D'Ivoire, Mauritania, Nigeria, Sénégal and Togo.

## **8 OCEANOGRAPHIC ACTIVITIES**

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

## **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 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 exhibits its own particular opportunities and challenges. The particular challenges facing EAHC are those of building capacity and provision of adequate chart coverage across the whole of the region.

Taunton, October 2010

## UKHO POINTS OF CONTACT

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

The general UKHO address is:

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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 in the EAthC region, please contact:

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East and Africa)  
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For matters related to charting and hydrographic data in the EAthC region, please contact:

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For matters related to Sailing Directions, please contact:

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