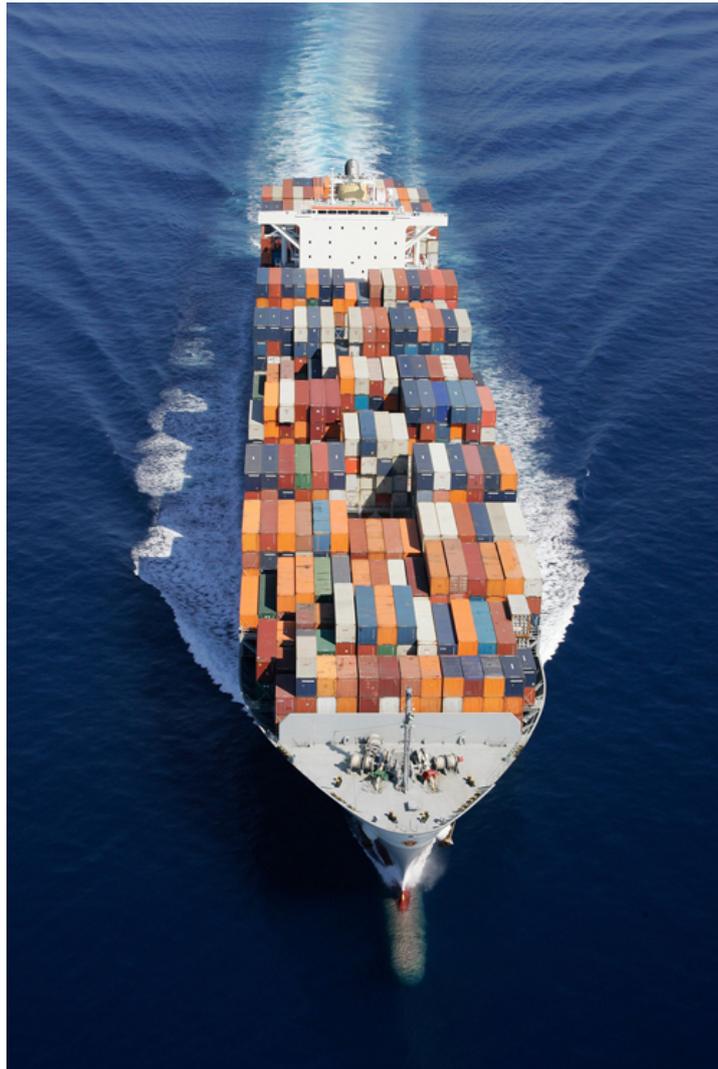




EAtHC12-04E

UNITED KINGDOM NATIONAL REPORT



12TH EASTERN ATLANTIC HYDROGRAPHIC COMMISSION (EAtHC) MEETING

LISBON

14th – 16th November 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 EAtHC 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 EAthC 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 EAthC 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 Mr. Bob Wilson (robert.wilson@ukho.gov.uk).

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 EAthC region.

Paper Charts



3.2 Information on UK's chart portfolio is provided on the UKHO website. The following paragraphs provide information specifically relevant to the EAthC region.

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

GB Chart Number	INT Chart Number	Title	Published
311	2089	Gamba to Luanda	14 Oct 10
1321		Ports and Terminals in the Gulf of Guinea	18 Nov 10
3224	1883	Approaches to Sines	16 Dec 10
3227	1872	Aveiro and Approaches	16 Dec 10
2812	2891	Lagos Harbour	20 Jan 11
1381		Approaches to Lagos	10 Mar 11
3286	2896	Approaches to Bonny River	10 Mar 11
3287	2897	Bonny River, Field Point to Ford Point	10 Mar 11
3288	2898	Bonny River - Ford Point to Port Harcourt	10 Mar 11
1856		Approaches to Puerto de La Luz (Las Palmas)	24 Mar 11
1764		Ria de Arousa	14 Apr 11
2643	1800	Ile Vierge to Pointe de Penmarc'h	07 Jul 11
1957		Harbours in the Arquipelago Dos Acores (Central Group)	14 Jul 11
3102	2876	Takoradi and Sekondi Bays	14 Jul 11
623		Tagrin Point to Pepel	18 Aug 11
4115		Arquipelago dos Acores to the Arquipelago de Cabo Verde	01 Sep 11
1730		Ria de Vigo	24 Nov 11
4104	104	Lisboa to Freetown	29 Dec 11
1174		Approaches to Bilbao	26 Jan 12
3764		Cabo Torinana to Punta Carreiro	23 Feb 12
4103	103	English Channel to the Strait of Gibraltar and the Arquipelago dos Acores	05 Apr 12
1732		Ria de Pontevedra	12 Apr 12
3133		Casablanca to Islas Canarias (Including	10 May 12

		Arquipelago da Madeira)	
601		Conakry to Cape Saint Ann	12 Jul 12
1153		Approaches to Gijon	23 Aug 12
1322		Ports and Anchorages in Central West Africa	06 Sep 12
1392	2881	Ports and Anchorages in Togo and Benin	06 Sep 12
3220	1875	Entrance to Rio Tejo including Baia de Cascais	04 Oct 12
3221	1876	Lisboa - Paco de Arcos to Terreiro do Trigo	04 Oct 12

The following charts are scheduled for publication in the next six months:

GB Chart Number	INT Chart Number	Title	Published
1847	1929	Santa Cruz de Tenerife	January 2013
3433	2899	Approaches to Calabar	February 2013
625	2862	Entrance to Sierra Leone River	February 2013
1111	1808	Punta de la Estaca de Bares to Cabo Finisterre	March 2013
3633	1809	Islas Sisargas to Montedor	March 2013
3224	1883	Approaches to Sines	
3258	1871	Approaches to Leixoes and Barra do Rio	
304	1836	Lorient and Approaches	

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. The following paragraphs provide information specifically relevant to the EAthC region.

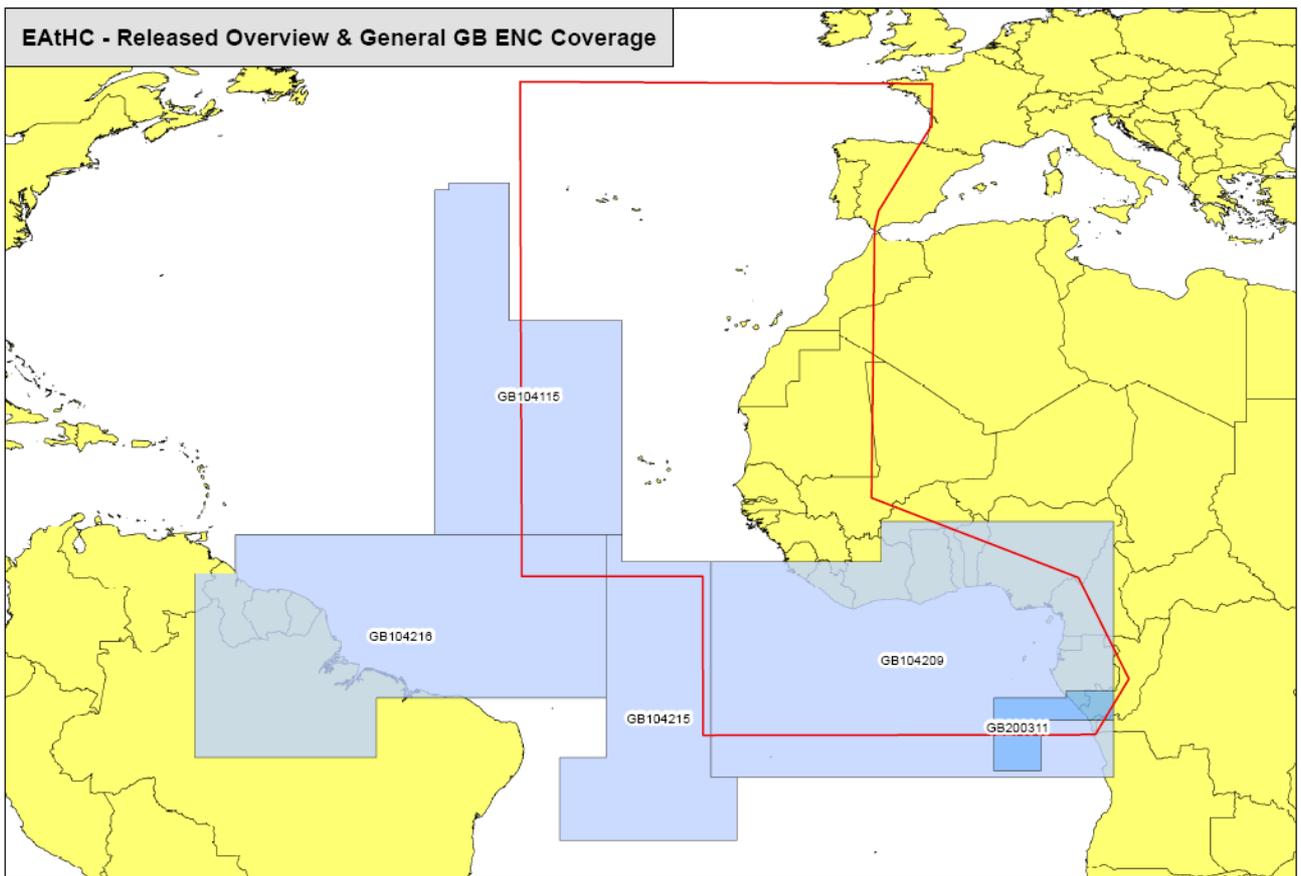
ENCs

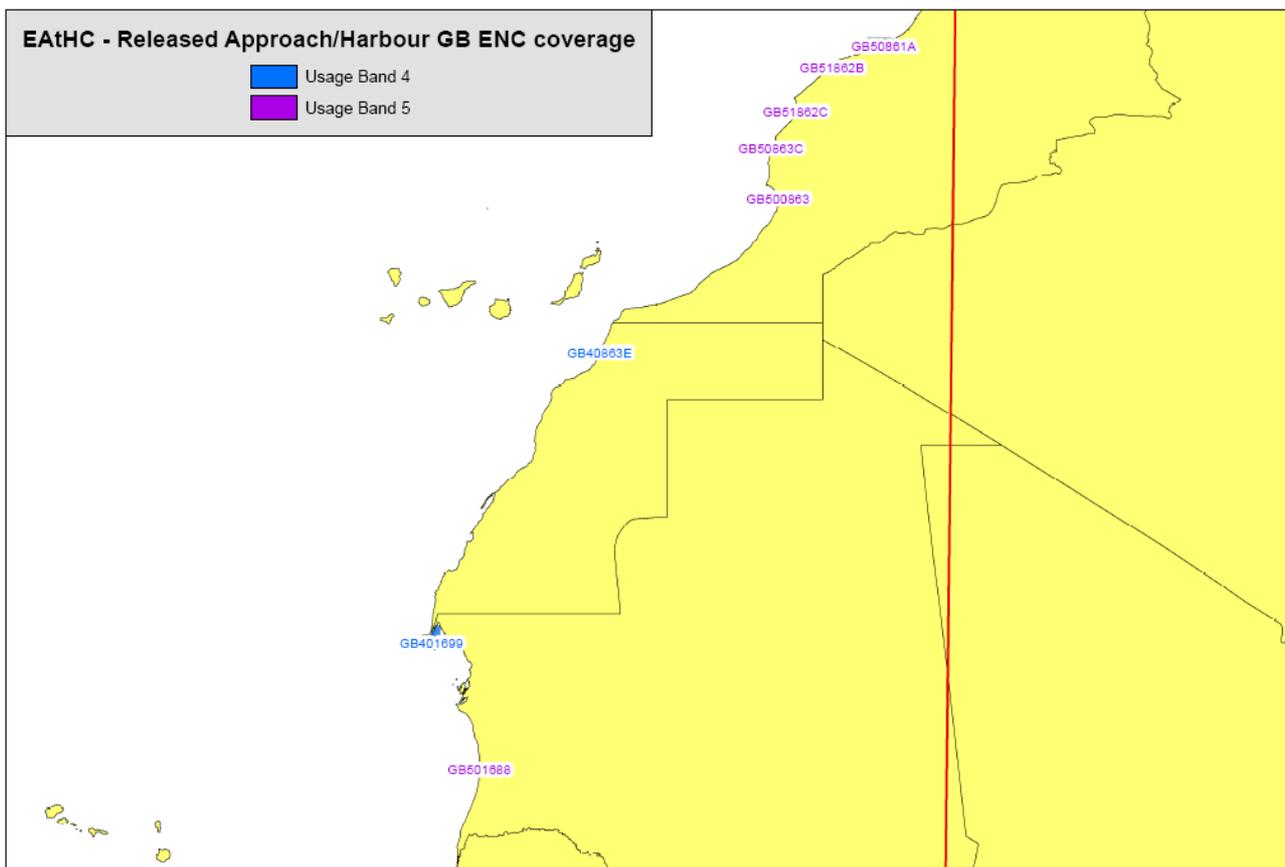
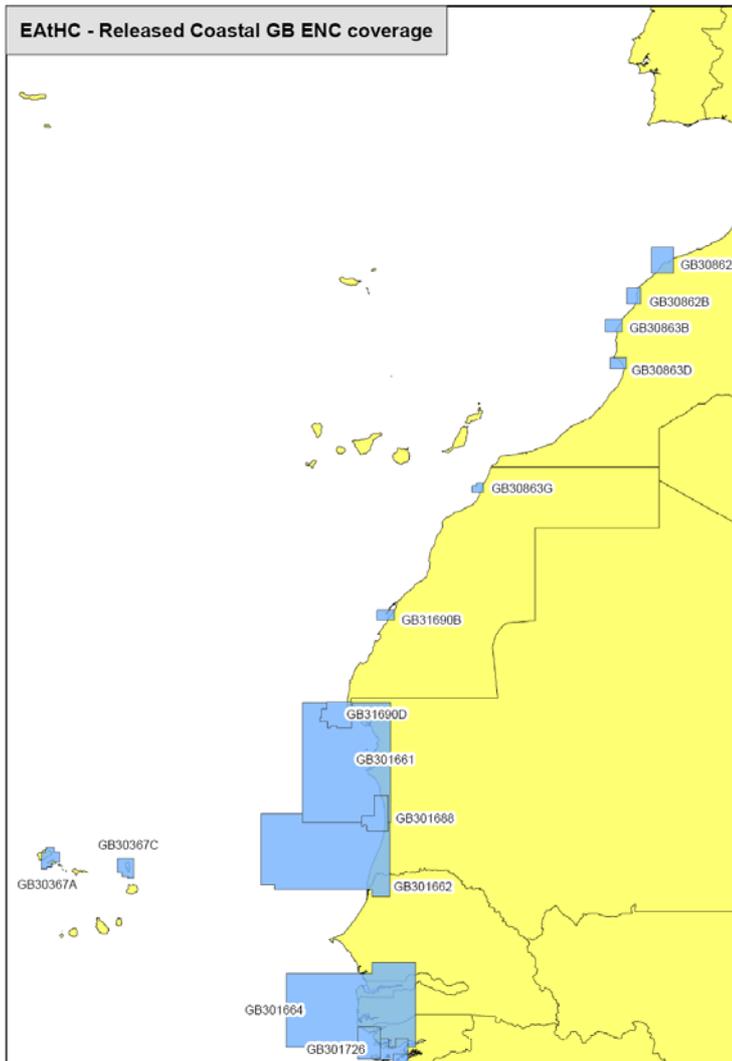
3.4 Within the EAthC Region, UK has published 89 ENC cells, GB200311 is currently in preparation.

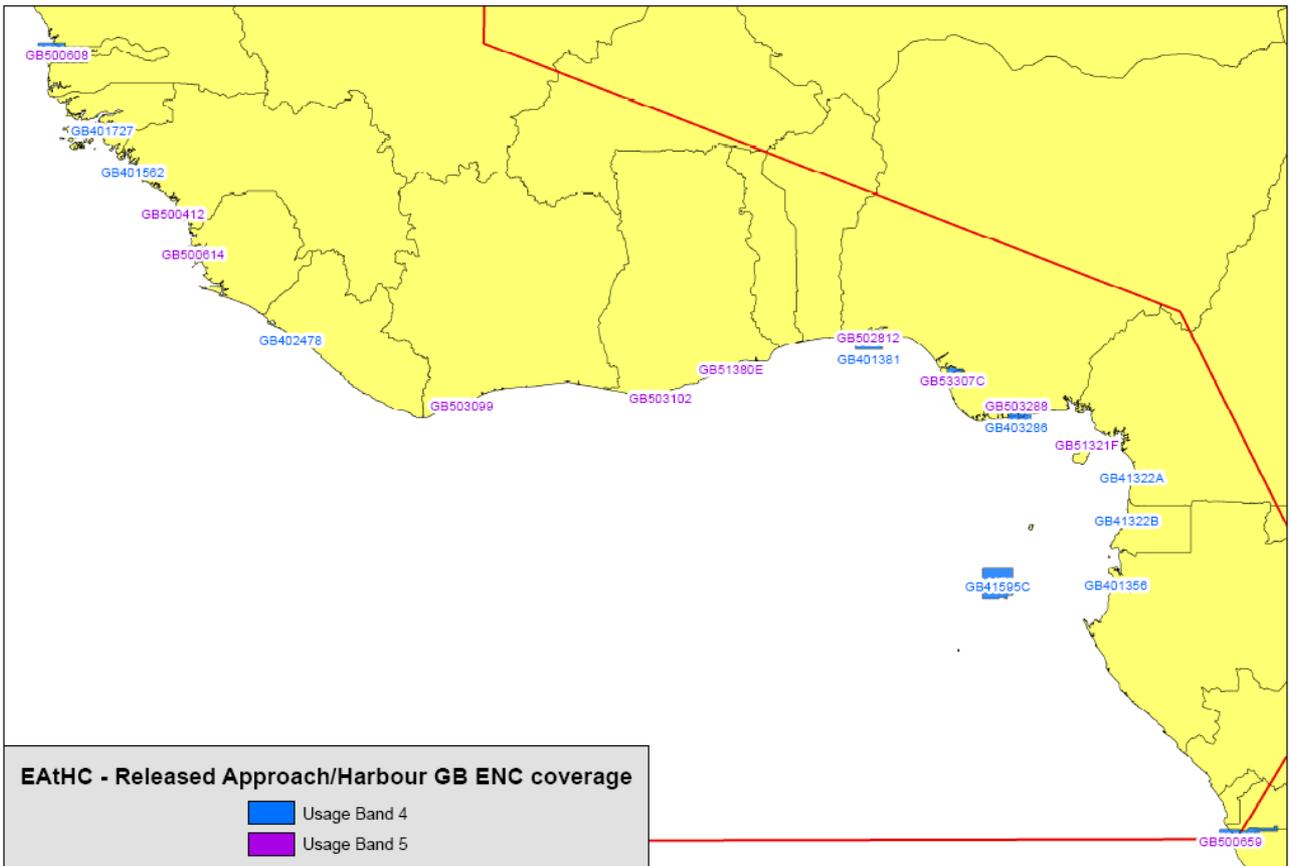
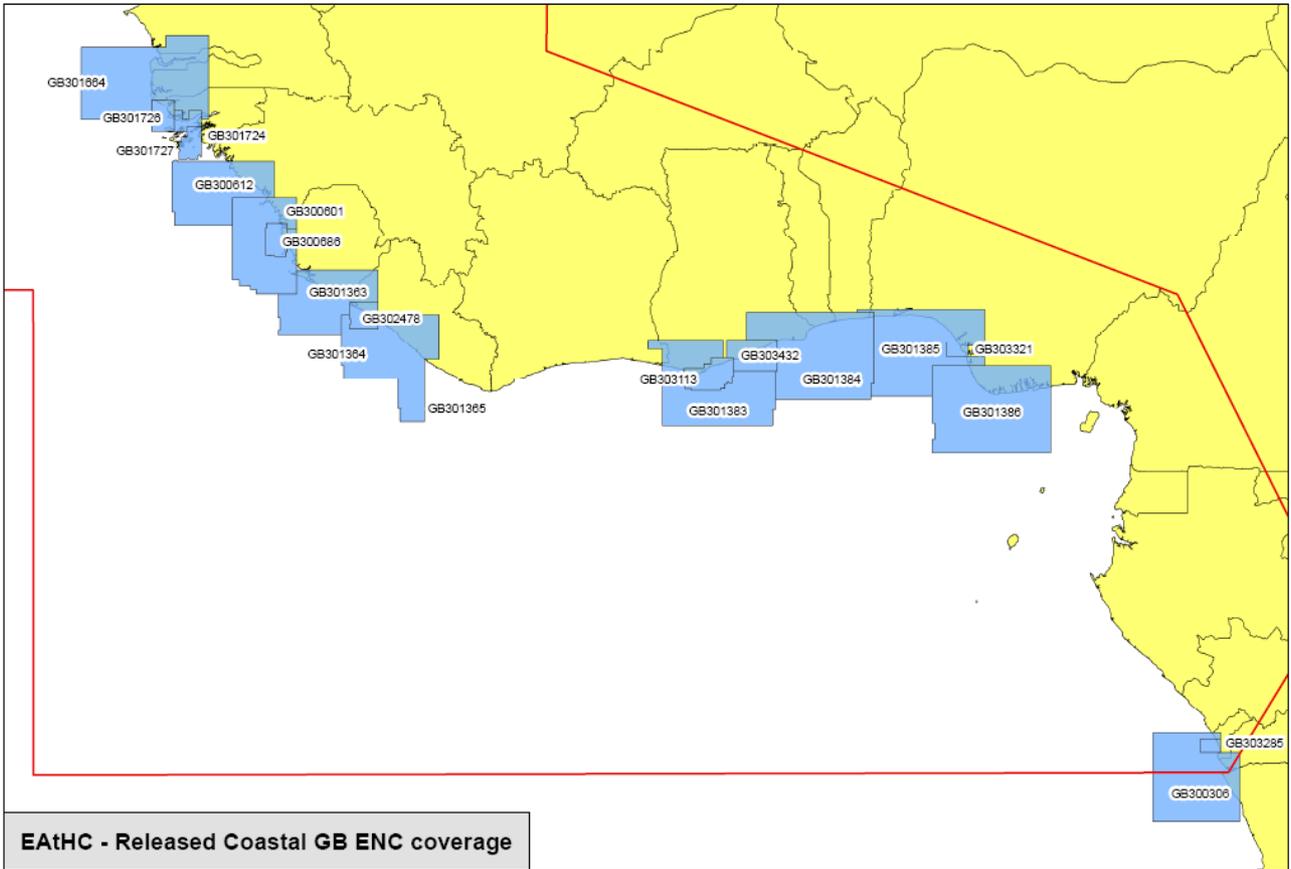
The breakdown by usage band is shown in the table below:

EAthC Region	
ENC Usage Band	Number of GB ENC's
Usage Band 1	5
Usage Band 2	2
Usage Band 3	32
Usage Band 4	27
Usage Band 5	23
Usage Band 6	0
Total Number of ENC'S	89

The following diagrams show the current status of UK ENC's within the EAtHC Region.







ENC Distribution

3.6 The 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 and chart agents. Additional details can be found on the IC-ENC website (www.ic-enc.org). UKHO actively supports IC-ENC as the world's leading facilitator of getting carriage-compliant ENCs on to the bridges of shipping across the globe.

4. PUBLICATIONS

4.1 Paper Publications



Information on UK's publication portfolio is available from UKHO website. The following paragraphs provide information specifically relevant to the EAtHC region. The current status of Admiralty Sailing Directions in the EAtHC region is as follows:

New Editions Published since last EAtHC meeting:

NP01	Africa Pilot Vol 1	July 2012
NP67	W Coasts of Spain and Portugal Pilot	February 2012

New Editions to be published in next twelve months

NP22	Bay of Biscay Pilot	July 2013 (current edition 2010)
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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 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. The previous reports in respect to developments in NAVTEX systems for Nigeria, Ivory Coast and Ghana have all stalled significantly, with no further progress in the region. At the recent WWNWS4 meeting, the NAVAREA II Co-ordinator reported that "due to the instability in some countries in the area, it is often difficult to obtain information and even to keep in contact with some national Co-ordinators. Since COMSAR 16, good exchange could be re-established with the Ivory Coast national Co-ordinator."

5.3 NAVAREA II Co-ordinator started to receive information about piracy in the Gulf of Guinea in early December 2011.

Since the beginning of 2012, 11 NAVAREA II warnings about piracy were issued. Although piracy warnings are always issued immediately on receipt by NAVAREA II, it was noted that this could often be 24 hours after act of piracy. It has also been noted that only a small proportion of acts of piracy are reported to the NAVAREA II Co-ordinator; the media often report attacks which have not been forwarded to the warning centre.

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 Overseas Territories. 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 can provide other countries with assistance to update their C-55 entries where the UKHO is the producer of 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 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 Currently the UK is providing in the following training:

- 4th NIPPON Foundation Course in Hydrographic Data Processing and Marine Cartography including ENCs for seven international students.

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 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 and RSAHC regions.

7.3 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.

7.4 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.

7.5 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 2012 World Hydrography day was "International Hydrographic Cooperation - supporting safe navigation"

The UKHO celebrated World Hydrography Day 2012 at a reception held Trinity House in London on 2nd October 2012, hosted by Mr Ian Moncreiff CBE (Chief Executive, UKHO) and Rear Admiral Nick Lambert (National Hydrographer, UKHO).



Ian Moncrieff CBE and Rear Admiral Nick Lambert presented Dr Hideo Nishida, of the Japan Hydrographic Association with the Alexander Dalrymple Award, for his outstanding contribution to Hydrography over a long and illustrious career with the Japan Coastguard, the Japan International Cooperation Agency and the Japan Hydrographic & Oceanographic Department (JHOD).

The award also acknowledges the many areas of Dr Nishida's work throughout an illustrious career. These include the actions taken following the earthquake and tsunami that hit Japan on 11 March 2011. The speedy and professional response of JHOD to this disaster under his leadership was undoubtedly a major contributor to Japan's remarkable recovery from this terrible event. His work clearly demonstrated the indispensable role that hydrographic surveys and charting can play in recovering from natural disasters. Dr Nishida also conceived the idea of the Japan Capacity Building Project, a phenomenally successful collaboration between the JHOD, the International Hydrographic Bureau (IHB) and the UKHO, with the generous financial support of the Nippon Foundation. This initiative, to annually train six cartographers to the highest international standard is now in its fourth year and Dr Nishida visited the students at UKHO's offices in Taunton during his visit to the UK.

The award is a symbol of recognition for outstanding dedication and contribution to world 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.

Building on the theme of this year's World Hydrography Day Celebrations, and in order to recognise the importance and significance of the contribution of Hydrographic Staff to the success and recognition of Hydrography, the UKHO hosted a celebration in recognition of its staffs' contribution to the success of World Hydrography on Friday, 22nd June 2012.

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 Eastern Atlantic region, through its primary charting responsibilities 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 British Overseas Territories, particularly to support long-haul deep-sea traffic.

There is a continuing challenge to link the scarce local data gathering resources into a broad programme of prioritised chart compilations 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 significant challenge in the EATHC region as well as others.

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

Taunton, November 2012

UKHO POINTS OF CONTACT

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