



UK Hydrographic
Office

UNITED KINGDOM NATIONAL REPORT

to the

18th MEETING OF THE
EASTERN ATLANTIC HYDROGRAPHIC COMMISSION
(EAtHC18)

01-03 May 2024 Casablanca, Morocco

This report is to be read in conjunction with the [UK's Generic National Report](#) and provides specific information and updates to the EATHC region.

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1 PAPER CHARTS

1.1 Information on the UK's chart portfolio is provided on the [ADMIRALTY website](#) as well as within the [UK Generic National Report](#).

Within the EAtHC region, the UKHO has published 2 New INT Chart and 25 INT Adoptions since the last EAtHC I 7 meeting (Sept 2022). The breakdown is shown in the table below:

GB Chart Number	INT Chart	Title	Adoption	Published
3290	2931	Approaches to Pointe-Noire	FR7585	11/04/2024
3328	2812	Libreville to Gamba	FR7257	11/04/2024
3321	2892	Entrances to Escravos and Forcados Rivers		07/03/2024
2989	1841	Entrance to La Loire, Port de Saint-Nazaire	FR6797	29/02/2024
1154	1853	Gijon	ES4042	15/02/2024
3259	1880	Setubal and Approaches	PT26308	01/02/2024
3260	1881	Setubal, Carraca to Ilha do Cavalo	PT26309	01/02/2024
1110	1857	La Coruna and Approaches	ES4126	30/11/2023
2822	1835	Ile de Groix to Belle-Ile	FR7032	09/11/2023
2643	1800	Ile Vierge to Pointe de Penmarc'h	FR7066	05/10/2023
3428	1833	Brest	FR7399	21/09/2023
2999	1843	Pointe du Grouin du Cou to Pointe de Chassiron	FR7404	14/09/2023
2663	1803	Ile d'Yeu to Pointe de la Coubre	FR7069	14/09/2023
2989	1841	Entrance to La Loire, Port de Saint-Nazaire	FR6797	07/09/2023
2986	1840	Approaches to La Loire	FR7395	07/09/2023
2522	1802	Presqu'ile de Quiberon to Sables - d'Olonne	FR7068	07/09/2023
659	2513	Port of Soyo and Approaches		31/08/2024
1131	1988	Approaches to Nouadhibou	FR7566	03/08/2023
1132	1989	Access to the Nouadhibou Ports	FR7567	03/08/2023
1133	1990	Ports and Terminals of Nouadhibou	FR7833	03/08/2023
1562	2856	Entrance to Rio Nunez, Approaches to Kamsar	FR7572	03/08/2023
859	1975	Approaches to Mohammedia	FR7705	02/03/2023
3427	1832	Approaches to Brest	FR7401	23/02/2023
861	1976	Approaches to Casablanca	FR7700	02/02/2023
1118	1855	Ria De Ferrol	ES4122	26/01/2023
3103	2873	Port d'Abidjan	FR7576	15/09/2022
INT Charts to be published in the next six months				
		Nil		
INT Charts scheduled for independent withdrawal in the next six months				
Nil				

2 DIGITAL CHARTS

The [UK's Generic National Report](#) provides information on the UK's portfolio of chart products and services, including distribution. The following paragraphs provide information specifically relevant to the EAtHC region.



2.1 ENC's

Within the EAtHC region, the UKHO has published a total of 69 GB ENC's.

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

Total number of ENC's produced by the UKHO by usage band

EAtHC Region Released Cells	
ENC Usage Band	Number of GB ENC's
1	5
2	1
3	24
4	20
5	15
6	4
Total Number of ENC's	69

The table below shows new GB ENC coverage for the EAtHC Region that was released between September 2022 – January 2024.

New GB Cells	Cell Title	Week No.
GB4DKJAB	Lekki Deep Sea Port	WK37_22
GBICT000	North Atlantic Ocean	WK14_23
GBICS000	North Coast of Brazil	WK14_23

GB ENC's planned for release in the next six months:

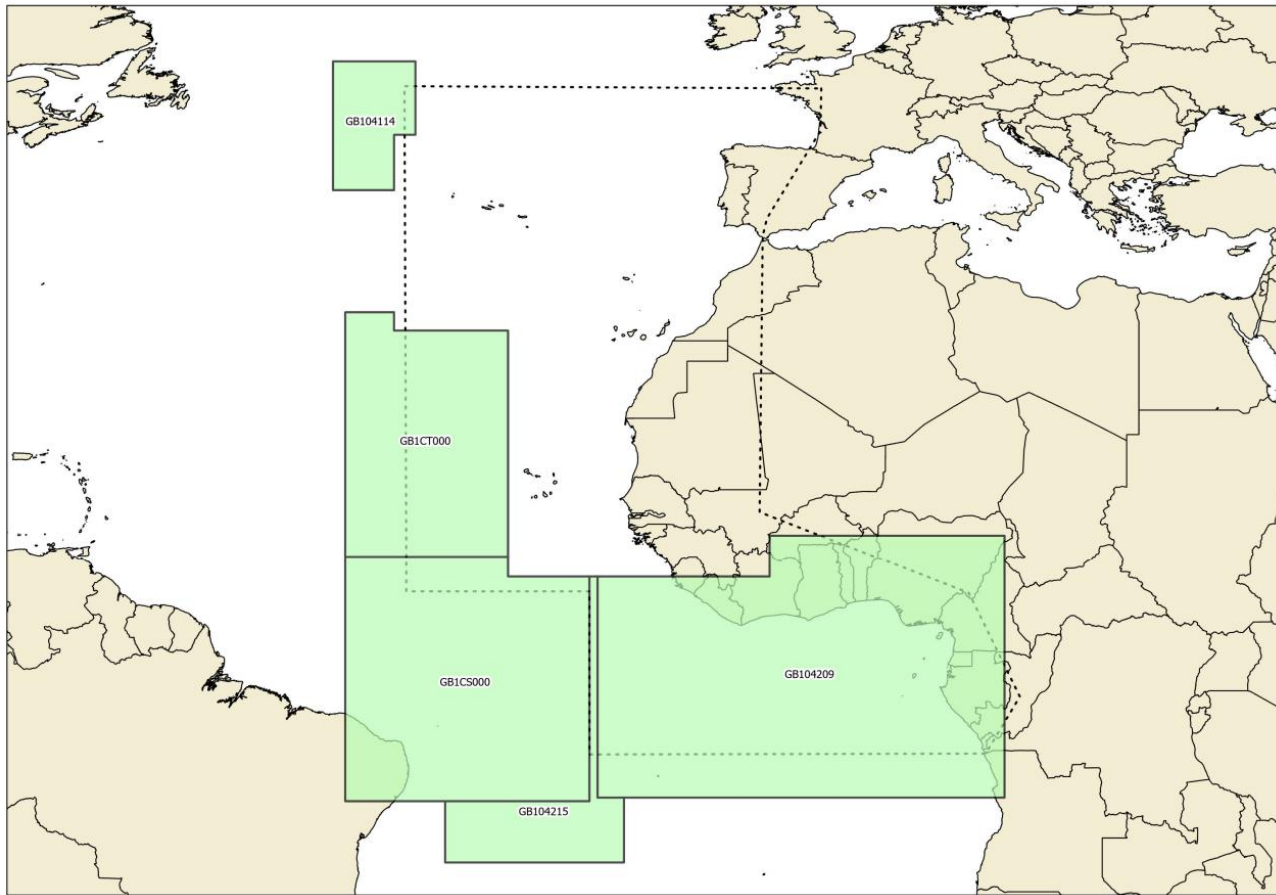
New GB Cells	Cell Title
N/A	

The table below shows cancelled GB ENC's cells and the replacement ENC coverage within the EAtHC region between September 2022 – January 2024.

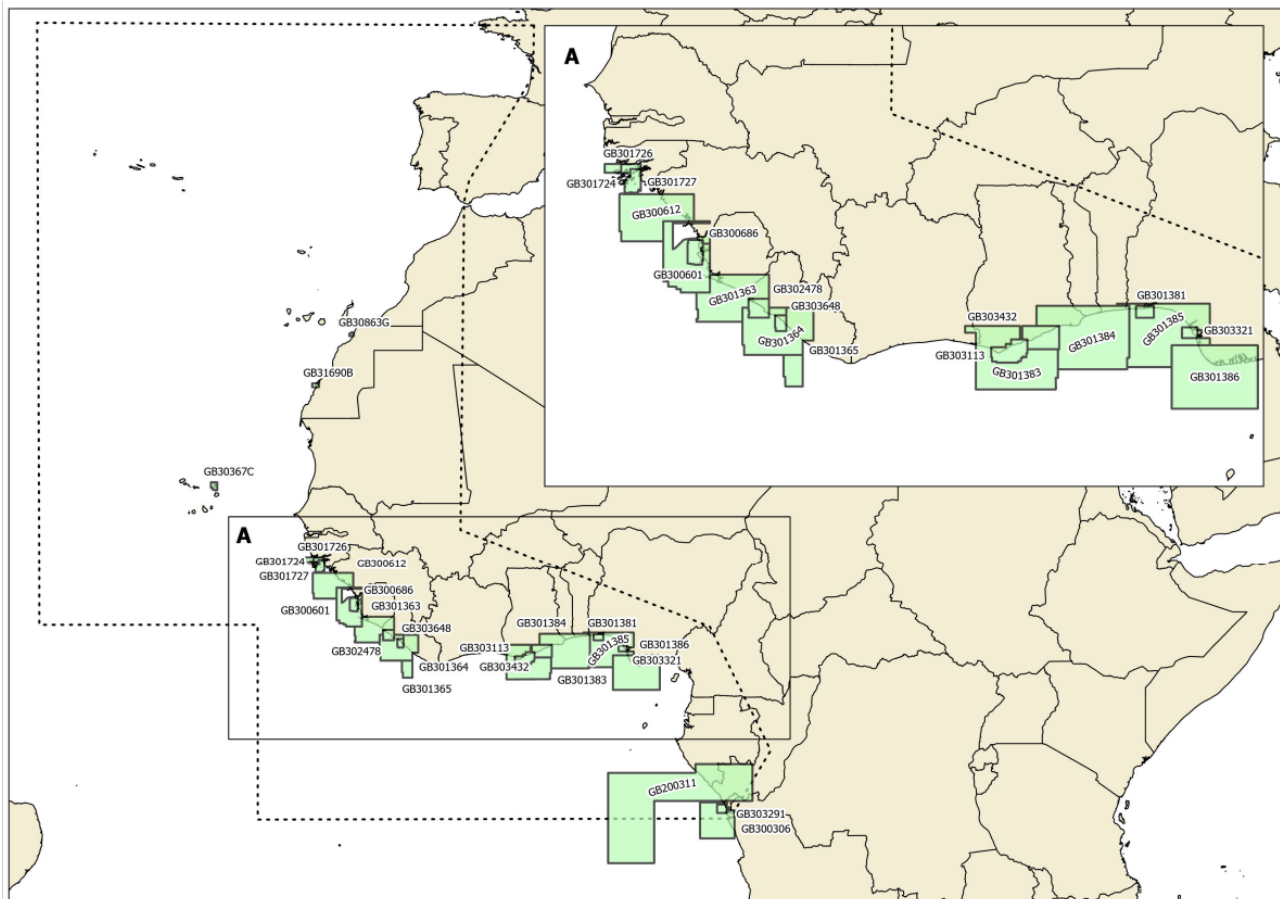
Cancelled GB Cells	Week No.	Replacements	
		Cell Name	Cell Title
GB104216	14_23	GBICS000	North Coast of Brazil
		GBICT000	North Atlantic Ocean
GB30862B	08_23	FR377030	From Jorf Lasfar to Oued Tensifte
GB401699	04_23	FR475660	Approaches to Nouadhibou
GB41690D	04_23	FR475660	Approaches to Nouadhibou
GB401562	06_23	FR475720	Approaches to Kamsar
GB53307C	52_23	GB403305	Africa - West Coast - Nigeria - Chanomi Creek and Warri
GB501321	15_23	FR578370	Approaches to Malabo - Isla de Bioko

The following images illustrate the current coverage of UKHO produced GB ENC's within the EAtHC.

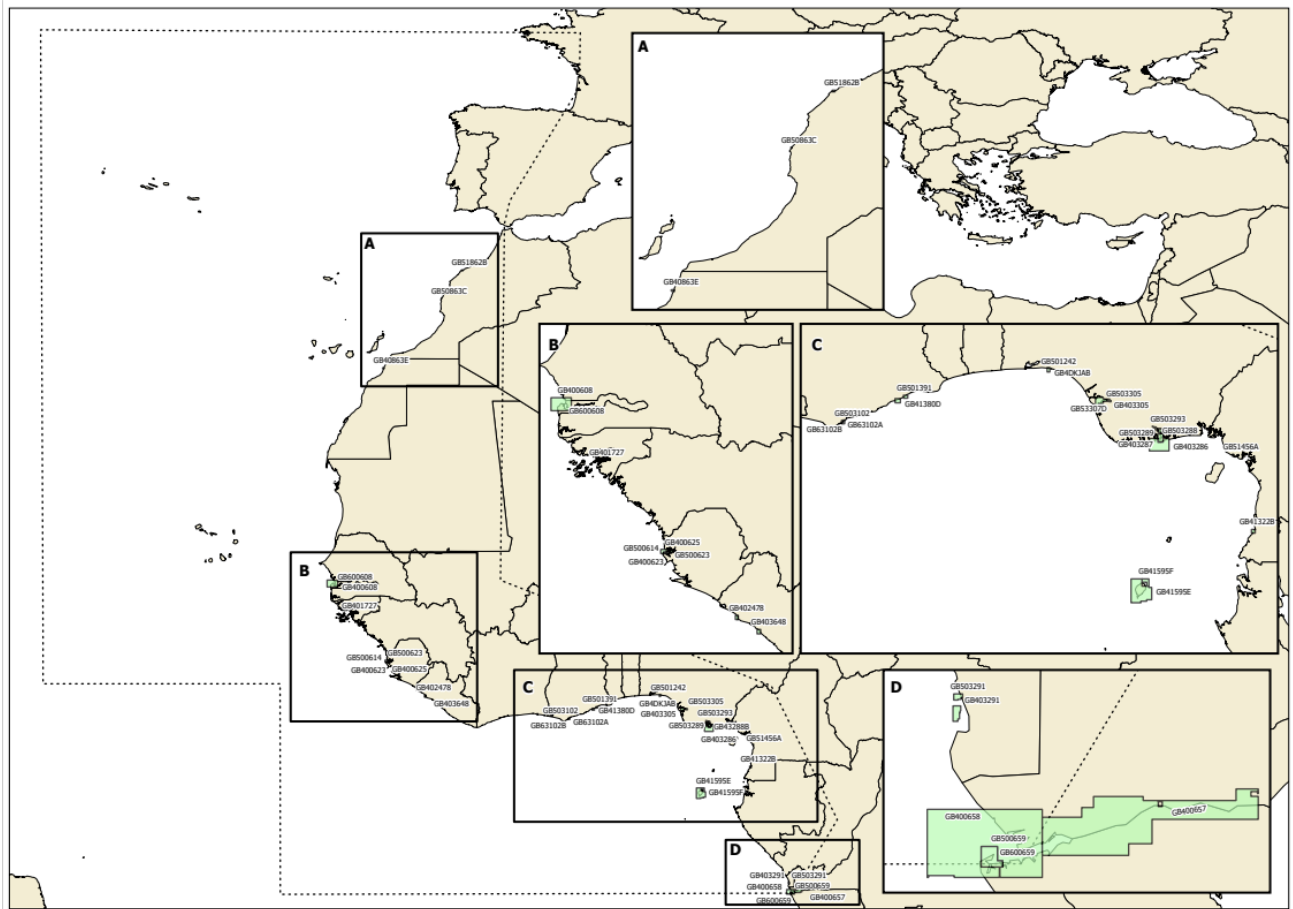
GB ENC's Band 1



GB ENC's Band 2 and Band 3



GB ENC's Band 4, Band 5 and Band 6



2.2 The S-1XX Era

We are supporting the IHO's Roadmap for the S-100 Implementation Decade and timeline for the roll-out of the S-100 standards and ensuring we are in step with IMO S-100 ECDIS carriage and performance standards.

We are developing distribution services to ensure that we can meet the needs of our Distributors, shipping companies, ports, and others in the marine industry for S-100 data.

We are currently working with equipment manufacturers, solution providers, ports, and pilots to help us develop our services before S-100 ECDIS begins to roll out from January 2026.

We aim to have initial S-100 end-user services in place 6 months ahead of the need to support its use in ECDIS.

We expect the use of S-100 to gradually build from 2026 to 2029, from when all new ECDIS must be compatible with S-100.

During this period, we will upgrade our services to provide a seamless transition for users from their existing S-57 ENC service to S-100 services.

At the same time, we are building our production capabilities to deliver the IHO Phase I Route Monitoring data types for areas where the UK is the producer authority. We will also support other Hydrographic Offices in building their S-100 capabilities through collaboration, information sharing and training.

2.3 Gridded ENC Rescheme

The UKHO has begun the process to rescheme all GB ENCs using a gridded scheme which can be applied to all scale bands for S-57 and S-101.

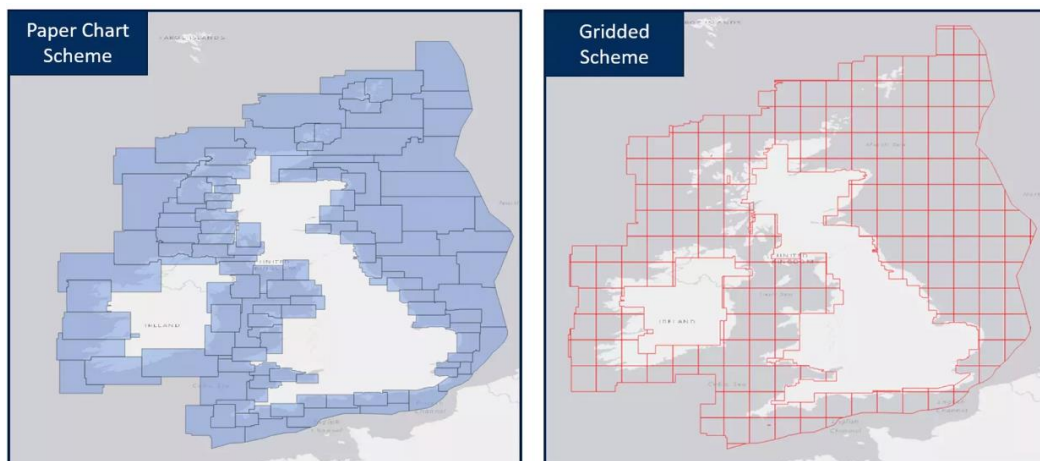
The project has already successfully delivered several areas of reschemed GB ENC coverage including High Density contouring, which is generating very positive feedback from the users.

UKHO is happy to share our findings, parameters and how we have overcome challenges so that others (national HOs and RHCs) can align with the UK grid.

Several national HOs have shown an interest in using the UKHO scheme and aligning their data limits with GB ENC coverage and one RHC has chosen to adopt the UK grid where their contributor nations chose to do so.

The gridded scheme will also be used to scheme additional data including S-102, S-104 and S-111, to form an aligned interactive data-stack with the S-57/S-101 data.

For further information on the rescheming of GB ENCs, including the features and benefits, is available on the UKHO website at: [Improving GB ENC data | ADMIRALTY](#)



3 PUBLICATIONS

3.1 Paper Publications

The Admiralty Sailing Directions in the EAtHC region are as follows:

NP38 – West Coast of India Pilot

NP39 South Indian Ocean Pilot

NP64 Red Sea and Gulf of Aden Pilot

NP3 Africa Pilot Vol 3

NP21 Bay of Bengal Pilot

NP38 West Coast of India Pilot

NP64 – Red Sea and Gulf of Aden



New Editions Published since last EAtHC meeting September 2021: None.

NP38 – West Coast of India Pilot, published March 2023

New Editions to be published soon: NP21 – Bay of Bengal Pilot to be published 2024

These publications are all maintained on a continuous revision cycle and new editions are published as required.

Full details of the other ADMIRALTY publication range and their status can be found on the ADMIRALTY website (www.admiralty.co.uk).

3.2 Digital Publications

The UKHO produces a range of ADMIRALTY Digital Publications which are digital versions of the ADMIRALTY paper Nautical Publications. Further information can be found on the [ADMIRALTY website](#) as well as within the [UK Generic National Report](#).

4 C-55 LATEST UPDATE

As described in the [UK Generic National Report](#), the UK is committed to providing regular updates to the C-55 entries for UK Home Waters and Overseas Territories. The 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.

Within the EATHC region the UK fulfils the Primary Charting Authority (PCA) responsibilities on behalf of the following nations:

Gambia
Ghana
Liberia
Nigeria
Sierra Leone

The UKHO also produces the primary navigational products for the Democratic Republic of Congo and most of Angola.

The latest status for all UK Home Waters, Overseas Territories and PCA nations is correctly outlined within the [IHO C-55 publication](#).

5 CAPACITY BUILDING



Full details of the UK's Capacity Building involvement, including training courses can be found in the [UK Generic National Report](#).

In 2023, the UKHO conducted the following Capacity Building activities within the EATHC region:

- **Technical Assessment Visit to Sierra Leone:** In February 2023, the UKHO conducted an IHO Technical Assessment Visit to the Republic of Sierra Leone. The visit was successful in promoting the importance of hydrography to senior stakeholders within government. It was also productive in building relationships with the main day-to-day maritime stakeholders, such as the Sierra Leone Maritime Authority, Port Authority and the Navy. The Visit Report and Recommendations are available on the IHO website at: https://iho.int/uploads/user/Capacity%20Building/Reports%20Assessments/Assessment_Reports_final.pdf
- **Survey training in The Gambia:** In February 2023, the UKHO conducted two-weeks of in-country survey training to the Gambia Port Authority. The training included a combination of classroom-based theory and at sea practical training in using their own Single Beam Echo Sounder survey equipment. In addition to Gambia Port Authority, there was also participation from the Gambia Maritime Authority, Gambia Navy and other government departments.
- **Acquaint visit from Ghana Navy hydrography student:** In November 2023, the UKHO hosted a student from the Ghana Navy for a three-day Hydrographic Office acquaint visit. The visit included was designed to support the Ghana Navy with their exciting plans to establish their own Hydrographic Office by providing a range of presentations and demonstrations about how the UKHO operates. The UKHO continues to support the Ghana Navy with their aspirations.
- **Delivery of Cat B GEOMAC cartography course:** Since EAtHC I 7, the UKHO has delivered its Cat B Geospatial Marine Analysis and Cartography (GEOMAC) course to three participants from the Nigerian Navy Hydrographic Office and one representative from the Ghana Maritime Authority.

6 P5 YEARBOOK LATEST UPDATE

The UK updates the IHO P5 Yearbook entry every year.

The latest information is outlined within the [IHO P5 Publication](#).

7 UKHO POINTS OF CONTACT - EAthC REGION

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