



UK Hydrographic
Office

UNITED KINGDOM REGIONAL REPORT

to the

24th MEETING OF THE
NORTH INDIAN OCEAN HYDROGRAPHIC
COMMISSION (NIOHC24)

11-13 February 2025 Bangkok, Thailand

This report is to be read in conjunction with the [UK's Generic National Report](#) and provides specific information and updates to the NIOHC 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 NIOHC region, the UKHO has published 2 New INT Paper Editions, 1 New Paper Edition and 1 Adopted INT Paper Editions since the last NIOHC meeting (May 2024). The breakdown is as follows:

GB Chart Number	INT Chart	Title	Published
IN254	733 I	Approaches to Gulf of Khambhat	04 July 2024
920	738 I	Diego Garcia	29 Aug 2024
3530		Approaches to Berbera	05 Dec 2024
4707	707	Maldives to Sumatera	12 Dec 2024

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 NIOHC region.



2.1 ENC's

Within the NIOHC region, the UKHO has released a total of 123 GB ENC cells.

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

ENC totals by usage band as produced by UKHO

NIOHC Region Released Cells	
ENC Usage Band	Number of GB ENC's
1	4
2	17
3	31
4	43
5	26
6	2
Total Number of ENC's	123

The table below shows new cells in the GB ENC coverage for the NIOHC Region that were released between May 2024 and 24th January 2025.

New GB Cells	Cell Title	Week No.
GB2DVT00	Red Sea Port Ghalib to	47
GB2DVU00	Berenice	47
GB2DVW00	Northern Red Sea	47
GB2DVX00	Red Sea North Massawa	47
GB2DVG00	Channel	47
GB2DVZ00	Red Sea Middle	47
GB2EEA00	Red Sea Middle	47
GB2EEB00	Red Sea Al Wajh	47

GB2EEC00	Red Sea Ras Alob	47
GB5EDPGA	Southern Red Sea	44
	Red Sea Northern Farasan Bank	
	Garacad Seaport - Somalia	

GB ENC planned for release in the next six months:

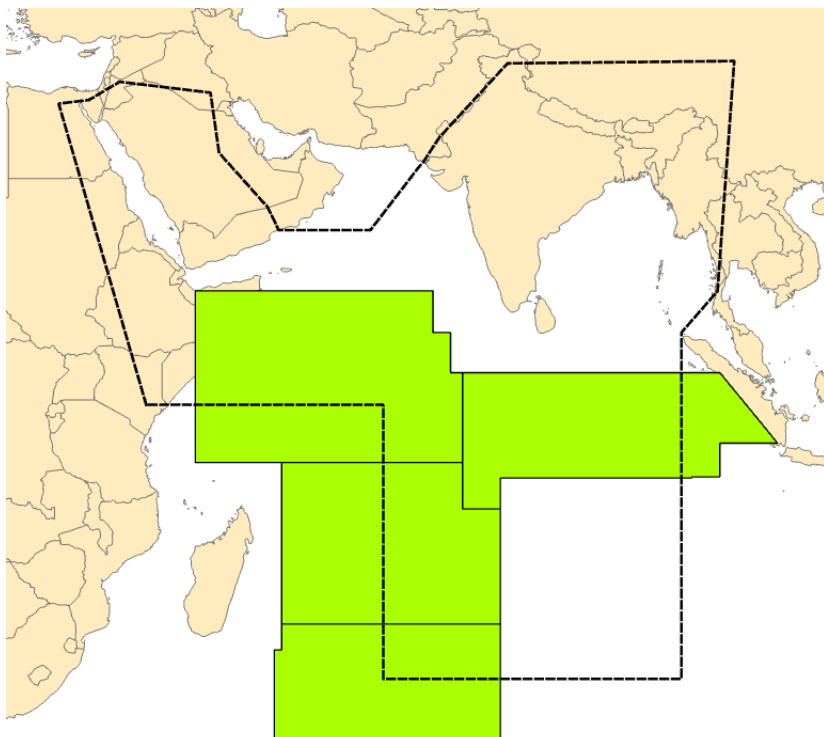
New GB Cells	Cell Title
GB2EEL00	GB2EEL00 Yemen
GB2EER00	GB2EER00 Yemen
GB2EEK00	GB2EEK00 Jasiiradsha Xaafuun to Boosaaso
GB2EEQ00	GB2EEQ00 Suqutra
GB2EPD00	GB2EDP00 Somalia
GB2EDU00	GB2EDU00 Indian Ocean
GB2EDI00	GB2EDI00 Muqdisho to Raas Cusbad
GB2EDN00	GB2EDN00 Somalia
GB2EDT00	GB2EDT00 Indian Ocean
GB2EDC00	GB2EDC00 Approaches to Kismaayo
GB2EDH00	GB2EDH00 Somalia
GB2EDM00	GB2EDM00 Indian Ocean
GB2EDS00	GB2EDS00 Indian Ocean

The table below shows cancelled cells and their replacements in the GB ENC coverage for the NIOHC Region between May 2024 and January 24th 2025.

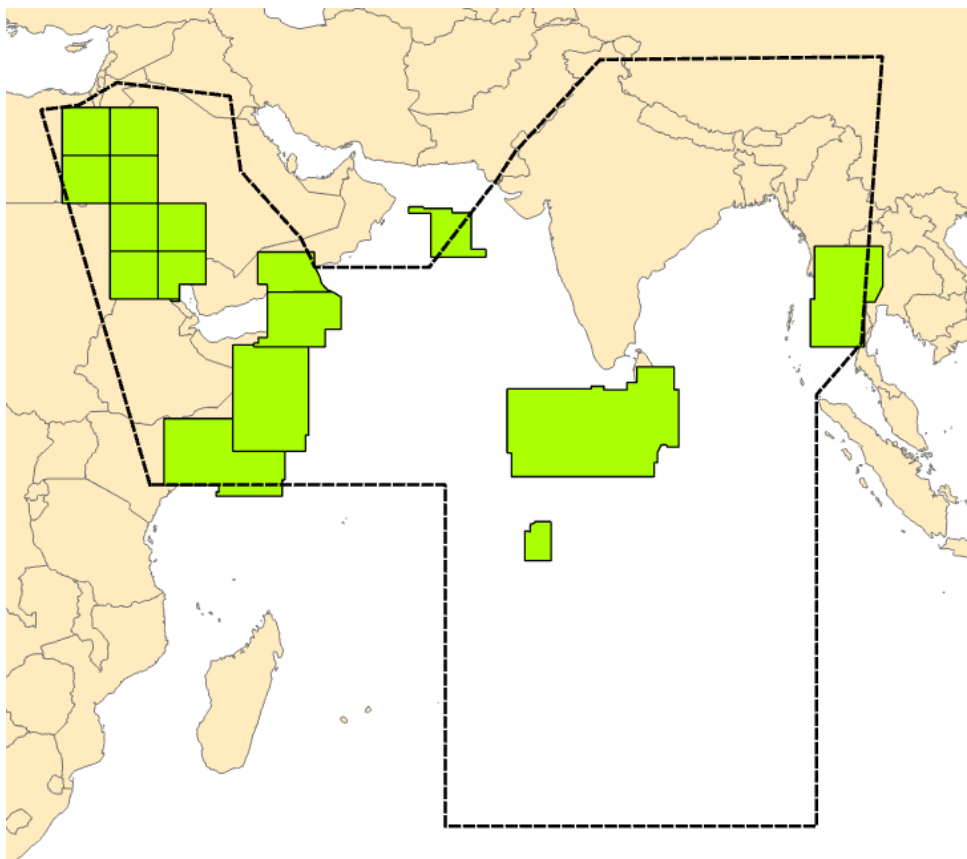
Cancelled GB Cells	Week No.	Replacements	
		Cell Name	Cell Title
GB240600	47	GB2DVW00	Red Sea North Massawa Channel
		GB2DVX00	Red Sea Middle
		GB2EEB00	Southern Red Sea
		GB2EEC00	Red Sea Northern Farasan Bank
GB240000	47	GB2DVU00	Northern Red Sea
		GB2DVG00	Red Sea Middle
		GB2DVZ00	Red Sea AL Wajh
		GB2DVT00	Red Sea Port Ghalib to Berenice
GB200143	47	GB2EEA00	Red Sea Ras Alob
		GB2EEB00	Southern Red Sea
GB240300	47	GB2DVT00	Red Sea Port Ghalib to Berenice
		GB2DVW00	Red Sea North Massawa Channel
		GB2DVX00	Red Sea Middle
		GB2DVG00	Red Sea Middle
		GB2EEC00	Red Sea Northern Farasan Bank
GB500819	44	LK5G04A I	Title Not Specified

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

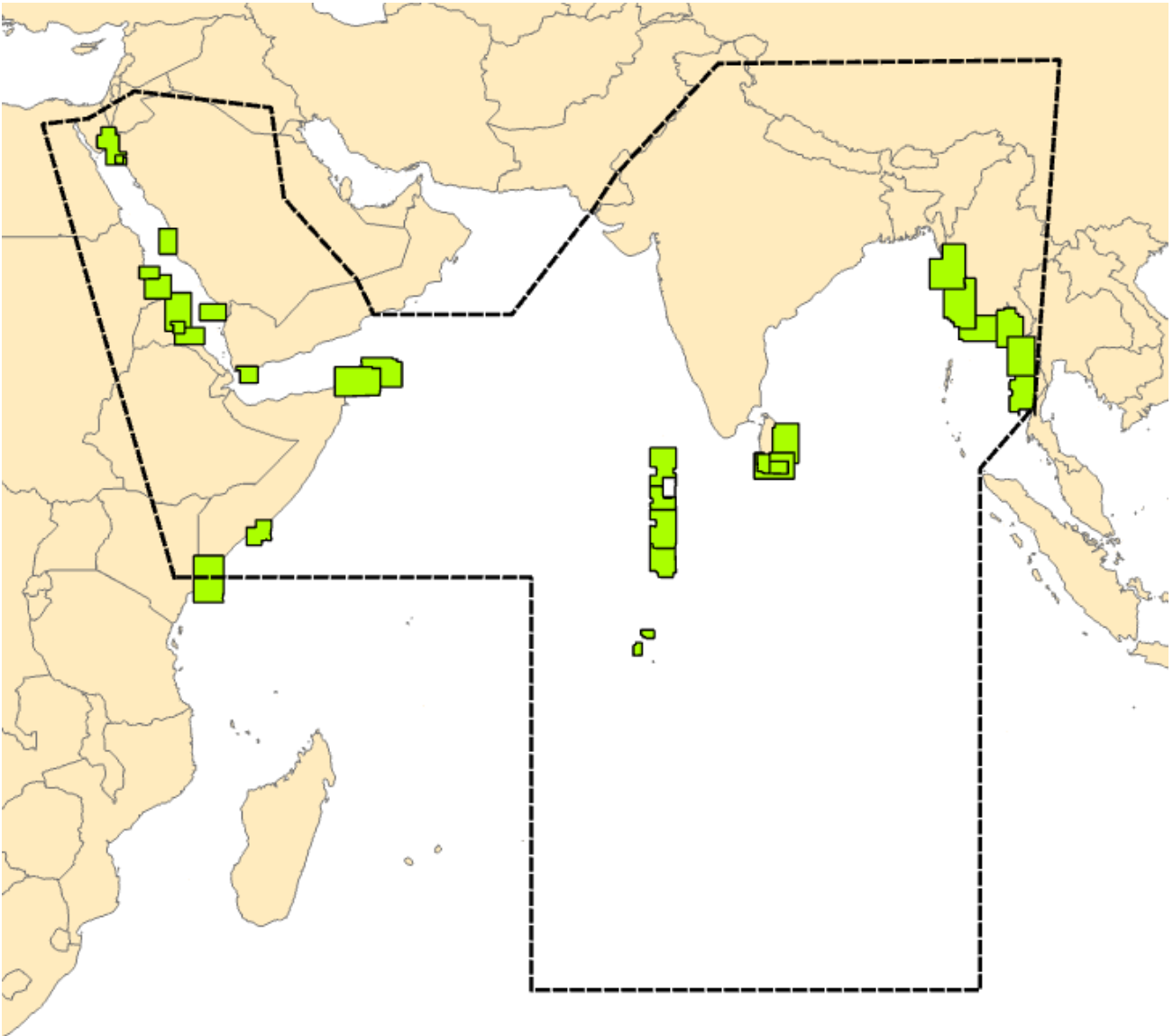
GB ENC's - Usage Band 1

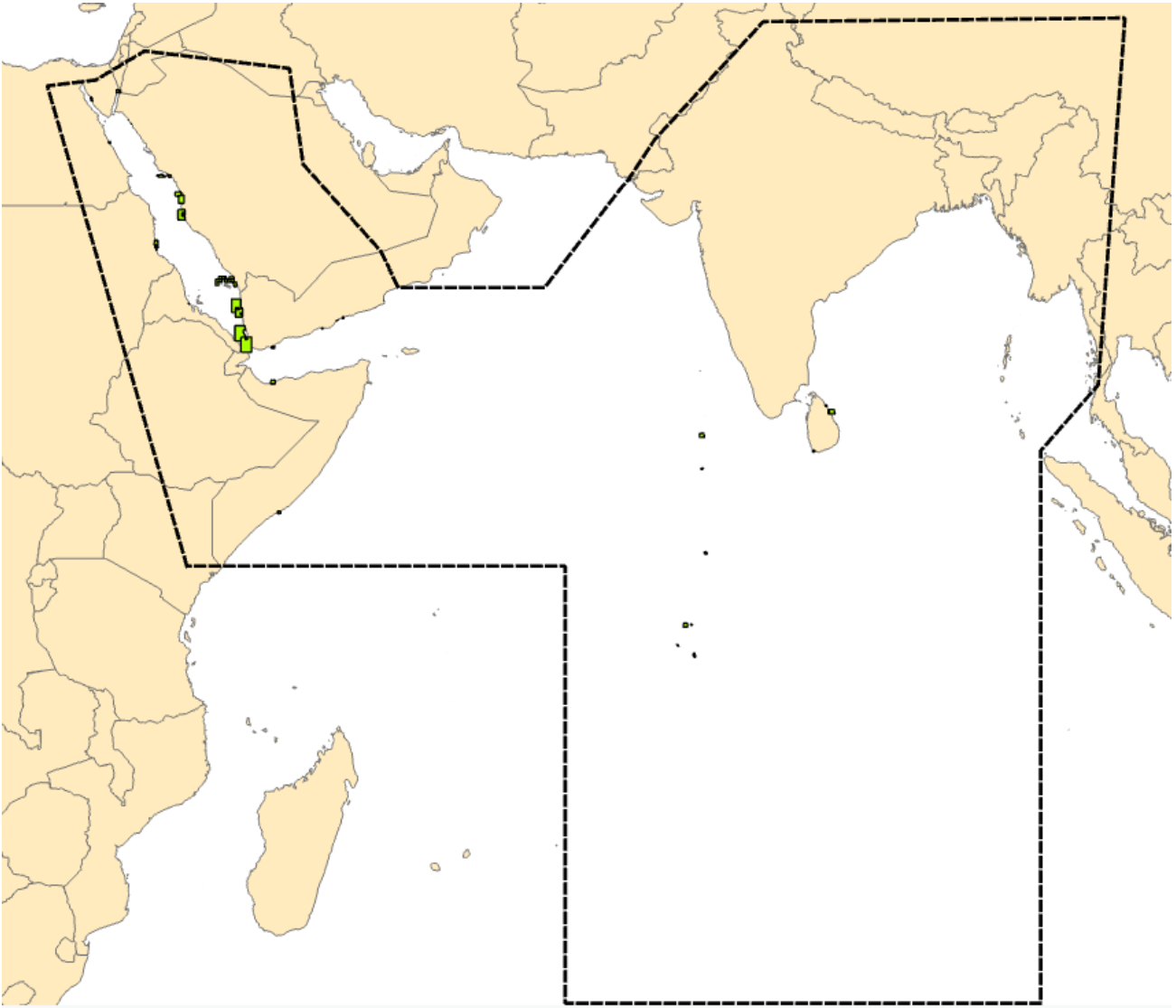


GB ENC's - Usage Band 2



GB ENC's - Usage Band 3



GB ENCs - Usage Band 4-6**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.

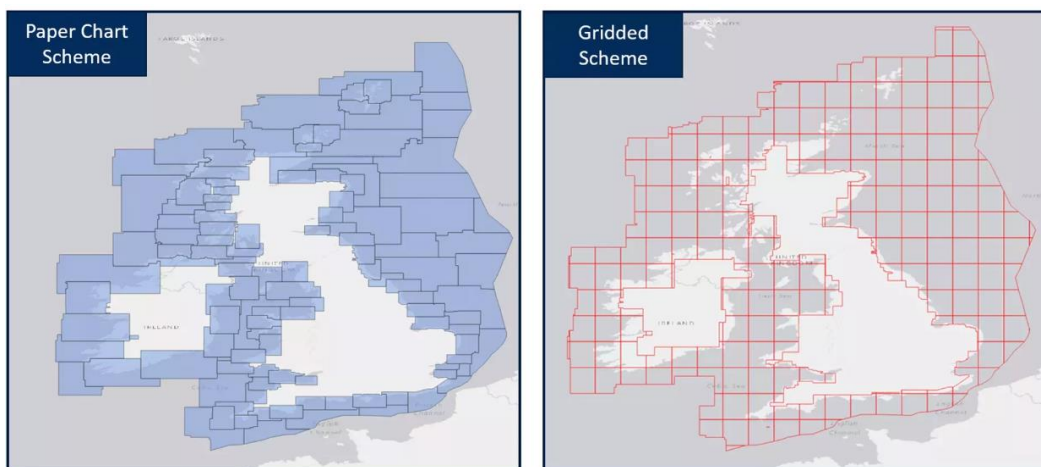
The project has already successfully delivered several areas of reschemed GB ENC coverage including High Density contouring, which is generating very positive feedback from the users.

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 NIOHC region are as follows:

- 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

New Editions Published since last NIOHC meeting May 2024:

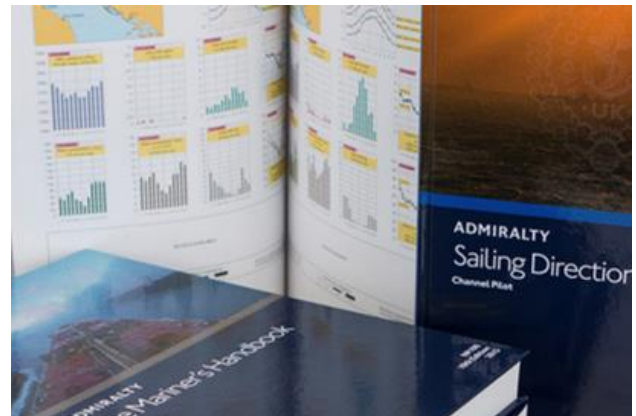
NP38 West Coast of India Pilot was published 9th March 2023

New Editions to be published soon:

NP21 Bay of Bengal Pilot planned for 30th January 2025

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](#).

The UKHO are currently in the process of developing an improved digital Sailing Directions product – ADMIRALTY Digital Sailing Directions. Initially this new product will be launched alongside the existing e-NP Sailing Directions, but the expectation is that in time it will eventually replace our existing e-NP SD product. The project responsible for delivering this new SD product is making strong progress on developing an improved Sailing Directions viewer which has been designed with user needs and insight at its heart. Alongside this, the UKHO is also developing an improved internal production tool which will allow for more efficient provision of better structured data to users.

In March 2024, the UKHO began to trial this new ADSD product with limited vessels navigating in UK Waters. Over the course of the following 12 months, this will allow the UKHO to iteratively develop the product based on user feedback gathered during the trial.

Further details will be available in the months to come – including the expected launch date and further insight into the new and improved functionality of this product.

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 NIOHC region the UK fulfils the Primary Charting Authority (PCA) responsibilities on behalf of the following nations (UK OTs are shown with an *):

British Indian Ocean Territory (BIOT)*

Eritrea

Israel

Jordan

Maldives

Myanmar

Saudi Arabia

Somalia

Sri Lanka

Sudan

Yemen – Socotra Island

Yemen

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 2024-25, the UKHO conducted the following Capacity Building activities within the RSAHC region:

Delivery of Cat B GEOMAC cartography course: Since NIOHC23, the UKHO has delivered its IHO Nippon Foundation Cat B Geospatial Marine Analysis and Cartography (GEOMAC) course to 3 participants from the NIOHC region from Bangladesh, Oman and Australia.



Assistance with IHO Marine Safety Information Courses in Bahrain: UKHO worked in partnership with IHO, Survey and Land Registration Bureau and Middle East Navigational Aids Service to deliver an IHO Capacity Building funded Marine Safety Information course to more than 20 delegates from across the RSAHC and NIOHC region.

Bilateral relationships capacity building

As part of our bilateral relationships and responsibilities, UKHO have delivered a Hydrographic Governance workshop, a Hydrographic Action Plan, Marine Safety Information training and a Training Needs Analysis to partners, enhancing their hydrographic capabilities and independence.

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 - NIOHC REGION

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