



UK Hydrographic
Office

UNITED KINGDOM REGIONAL REPORT

to the

24th MEETING OF THE
MEDITERRANEAN & BLACK SEAS HYDROGRAPHIC
COMMISSION (MBSHC24)

02-04 July 2024 Constanta, Romania

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

Contents

1	PAPER CHARTS	3
2	DIGITAL CHARTS	3
3	PUBLICATIONS	6
4	C-55 LATEST UPDATE	6
5	CAPACITY BUILDING	7
6	P5 YEARBOOK LATEST UPDATE	7
7	UKHO POINTS OF CONTACT - MBSHC REGION	7

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 MBSHC region, the UKHO has published 3 New INT Charts and 12 INT Adoptions since the last MBSHC23 meeting (March 2022). The breakdown is shown in the table below:

GB Chart Number	INT Chart	Title	Adoption	Published
2578	3550	Mīnā' Dumyāt to Port Said		11/04/24
2245	3191	Villefranche-Sur-Mer to Menton	FR7442	28/03/24
2246	3199	Cap D'Antibes to Cap Ferrat	FR7200	29/02/24
2114	3188	Ports in the Golfe du Lion	FR7434	31/08/23
1180	3185	Barcelona	ES4891	22/06/23
1561	3671	Ports in Lebanon	FR7514	18/05/23
1213	3350	Bonifacio Strait	FR7024	20/04/23
1585	3680	Hefa (Haifa) and Approaches		02/03/23
2101	3657	Mersin Limani	TR3331	15/12/22
2244	3190	Monaco and Approaches	FR7441	22/09/22
2170	3198	Rade de Toulon	FR7093	22/09/22
1193	3180	Tarragona	ES4871	28/04/22
1591	3681	Ports on the Coast of Israel		07/04/22
153	3195	Approaches to Marseille	FR7392	03/03/22
1445	3467	Port of Ravenna	IT218	28/03/24
INT Charts to be published in the next six months				
356	3360	Approaches to Genova	IT106	09/05/24
INT Charts scheduled for independent withdrawal in the next six months				

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 ENCs

Within the MBSHC region, the UKHO has released a total of 83 GB ENC cells since MBSHC23 (March 2022).

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

ENC totals by usage band as produced by UKHO

MBSHC Region Released Cells	
ENC Usage Band	Number of GB ENC's
1	0
2	9
3	16

4	24
5	31
6	3
Total Number of ENCs	83

The table below shows new cells in the GB ENC coverage for the MBSHC Region that were released between March 2022 and March 2024.

New GB Cells	Cell Title	Week No.
NILL		

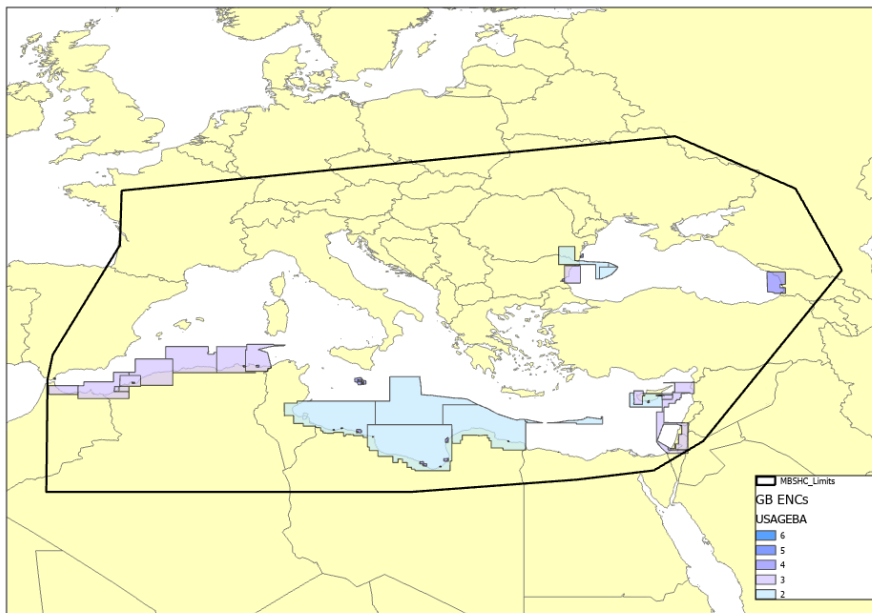
GB ENCs planned for release in the next six months:

New GB Cells	Cell Title
NILL	

The table below shows cancelled cells and their replacements in the GB ENC coverage for the MBSHC Region between March 2022 and March 2024.

Cancelled GB Cells	Week No.	Replacements	
		Cell Name	Cell Title
GB302282	27_22	RO310001	Vama Veche to Midia Cape
GB60240A	05_23	EG6EGSCT	Suez Canal - Container Terminal
GB60240B	05_23	EG6EGPSD	Port-Said Berths
GB53265A	19_23	EG5EGM15	Al-Arish Port
GB501590	27_23	AL500005	Vlora Port

The following images illustrate the current coverage of UKHO produced GB ENCs within the MBSHC.



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.

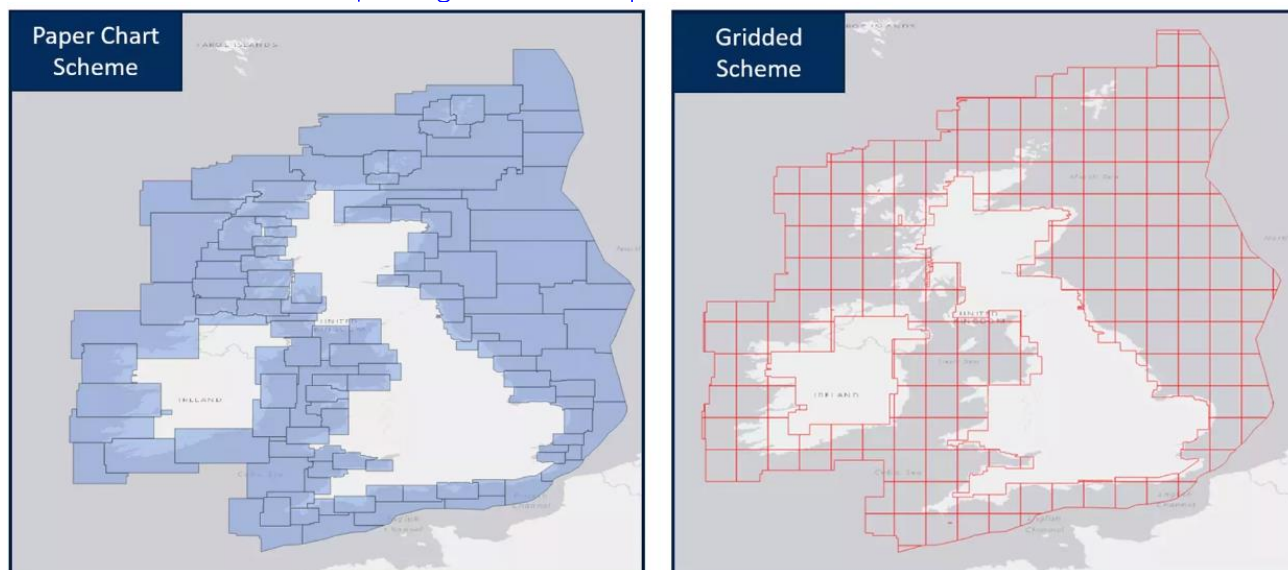
The project has already successfully delivered several areas of reschemed GB ENC coverage including High Density contouring, which is generating very positive feedback from the users.

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 MBSHC region are as follows:

NP48 Mediterranean Pilot

NP24 Black Sea and Sea of Azov Pilot

NP49 Mediterranean Pilot

NP46 Mediterranean Pilot

NP45 Mediterranean Pilot

New Editions Published since last MBSHC meeting March 2022:

NP46 Mediterranean Pilot December 2022

New Editions to be published soon:

NP45 Mediterranean Pilot is due 27/07/2024

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](http://www.admiralty.co.uk) 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.

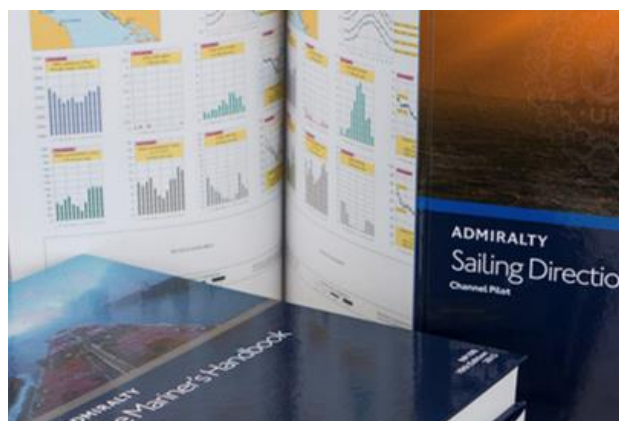
Within the MBSHC region the UK fulfils the Primary Charting Authority (PCA) responsibilities on behalf of the following nations (UK OTs are shown with an *):

Malta

Cyprus Sovereign Base Area*

Gibraltar*

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 2023/24, from the MBSHC region we welcomed the following participants onto our courses:

- Hydrographic Governance Workshop:** In January 2024, UKHO welcomed delegates from Sovereign Base Areas of Akrotiri and Dhekelia and Gibraltar for a week long Workshop on Hydrographic Governance, funded by the UK Governments Overseas Territories Seabed Mapping Programme (OTSMP). The workshop provided the participants with a greater understanding of Hydrographic Governance and how they can improve compliance with their international maritime obligations, in particular SOLAS Chapter V Regulation 9 for Hydrographic Services. The OTSMP also funded a UKHO visit to Gibraltar, where important discussions were held with a range of maritime stakeholders to analyse the current hydrographic capability and make recommendations about their continuous improvement.
- Delegates from Türkiye and Greece learning cartography on GEOMAC course:** The UKHO is currently hosting two representatives on its Cat B Geospatial Marine Analysis and Cartography (GEOMAC) course. One delegate from Office of Navigation Hydrography and Oceanography, and another from Hellenic Navy Hydrographic Service.
- Delegate from Romania attended GEOMAC Course at UKHO, with a NIPPON funded placement.** From July – December 2023, UKHO hosted a delegate from the Romanian Maritime Hydrographic Directorate on its Cat B Geospatial Marine Analysis and Cartography (GEOMAC) course. This delegate was praised by UKHO colleagues for their high standard of work.
- Supply of Hydrographic equipment to Ukraine:** The UKHO has donated survey equipment and cartographic software to the State Hydrographic Service of Ukraine, to support safer navigation and commercial shipping in the area. The equipment which includes two full Single Beam Echo Sounder systems and two Multibeam Echo Sounder systems, will be used to carry out hydrographic surveys. Along with the equipment and software, the State Hydrographic Service of Ukraine has been offered training on specialist courses delivered by the UKHO and the Royal Navy. The training will help develop the necessary skills to effectively use the donated equipment.



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 - MBSHC REGION

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