



UK Hydrographic  
Office

# **UNITED KINGDOM NATIONAL REPORT**

to the

**20<sup>th</sup> MEETING OF THE SOUTHERN AFRICAN AND ISLANDS  
HYDROGRAPHIC COMMISSION (SAIHC)**

**17-19 SEPTEMBER 2024**

Kisumu, Kenya

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

Information on UK's chart portfolio is provided on the ADMIRALTY website. There have been 2 new charts and 6 new editions of SNCs published since the SAIHC19 report.

| GB Chart Number | INT Chart Number | Title                                     | Published |
|-----------------|------------------|---|-----------|
| 669 (New Chart) |                  | Kenya - Approaches to Lamu Port           | 20/6/2024 |
| 668             |                  | Kenya - Lamu Harbour and Approaches       | 20/6/2024 |
| 722             | 7742             | Seychelles - Port Victoria and Approaches | 7/3/2024  |
| 664             | 7671             | Tanzania – Approaches to Mtwara           | 25/1/2024 |
| 1821(New Chart) |                  | St Helena                                 | 4/1/2024  |
| 659             | 2513             | Angola - Approaches to Soyo               | 31/8/2023 |
| 1691            | 2515             | Ascension                                 | 27/7/2023 |
| 1771            | 2516             | Saint Helena with Approaches to Ascension | 27/7/2023 |

## 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 SAIHC region.



### 2.1 ENCs

Within the SAIHC region, the UKHO has released a total of 105 ENC cells. The breakdown by usage band is shown in the table below:

**Total number of ENCs produced by the UKHO by usage band**

| SAIHC Region Released Cells   |                    |
|-------------------------------|--------------------|
| ENC Usage Band                | Number of GB ENC's |
| Overview                      | 18                 |
| General                       | 5                  |
| Coastal                       | 29                 |
| Approach                      | 36                 |
| Harbour                       | 14                 |
| Berthing                      | 3                  |
| Total number of released ENCs | 105                |

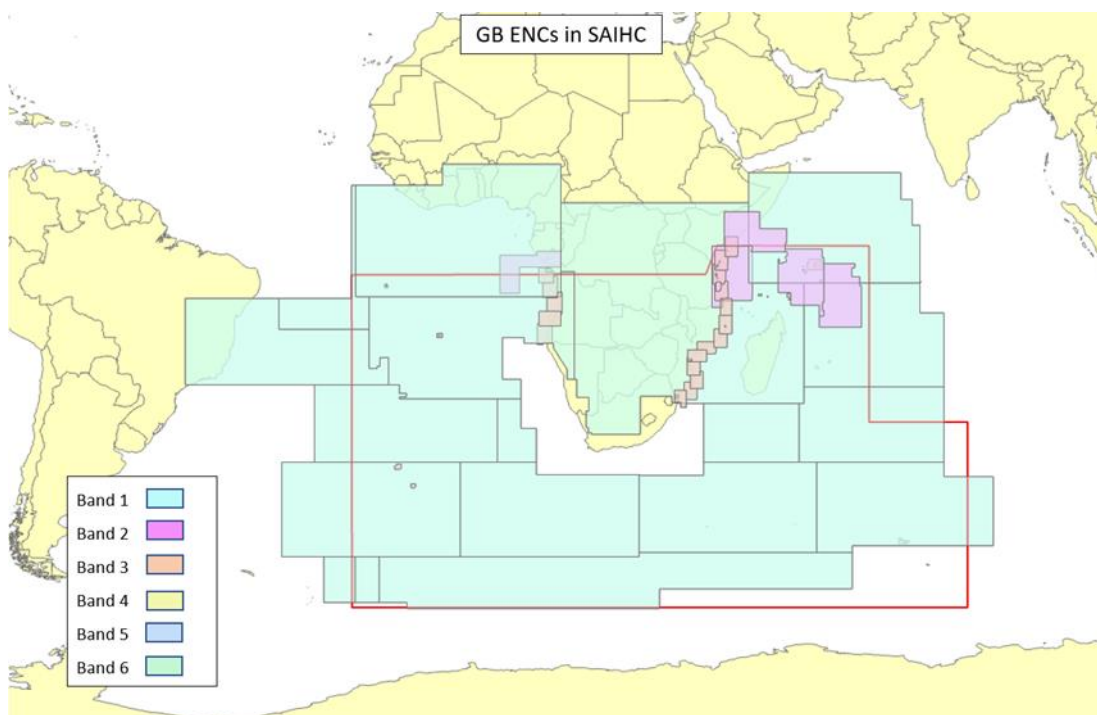
The tables below show revisions to GB ENC coverage for the SAIHC region during 2023/24. The subsequent diagram illustrates the current coverage of GB ENCs within the SAIHC Region.

| New Cells<br>Jun 2023 – July2024 | Week No. |
|----------------------------------|----------|
| NIL                              |          |

GB ENCs planned for release in the next six months:

| New GB Cells | Cell Title |
|--------------|------------|
| N/A          |            |

| Cancelled Cells<br>Jun 2023 – July2024 | Week No. | Replacements |                                   |
|--|----------|--------------|-----------------------------------|
|  |          | Cell Name    | Cell Title                        |
| GB4A0742                               | 08/24    | IN52552W     | Western Approaches to Mahe Island |



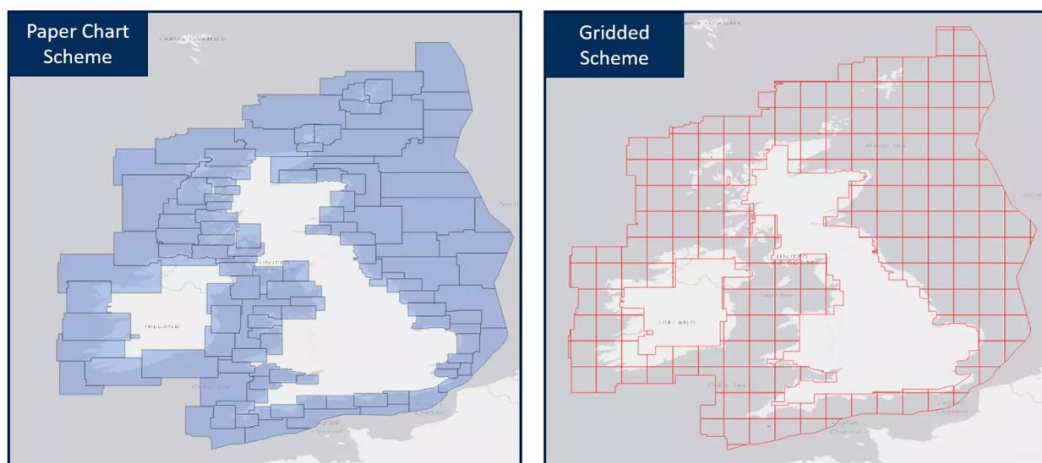
## 2.2 The S-1XX Era

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 1 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

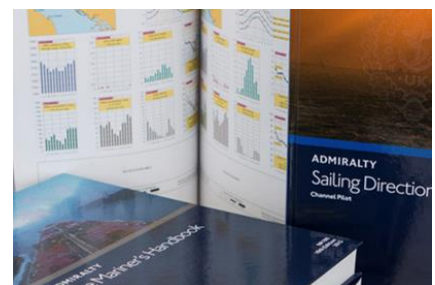
The UKHO has begun the process to rescheme all GB ENCs using a gridded scheme which can be applied to all scale bands for S-57 and S-101. The project has already successfully delivered several areas of reschemed GB ENC coverage including High Density contouring, which is generating very positive feedback 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 New editions published since SAIHC19 August 2023

- NP77 Lights List D - E Atlantic, W Indian Ocean, Arabian & Red Seas (Pub June 24)
- NP281.1 Maritime Radio Stations - Europe, Africa, Asia (excl Far East) (Pub Oct 23)
- NP283.1 Maritime Safety Information Services - Europe, Africa, Asia (Gp 2) (Pub Nov 23)
- NP285 Global Maritime Distress & Safety (Pub Aug 23)



#### ADMIRALTY Sailing Directions:

Admiralty Sailing Directions are maintained internally on a continuous revision cycle with new editions published as required.

ADMIRALTY Tide Tables, ADMIRALTY Lists of Lights and ADMIRALTY Lists of Radio Signals are published annually.

Full details of the ADMIRALTY publication range and their status can be found on the ADMIRALTY website (<https://www.admiralty.co.uk/>).

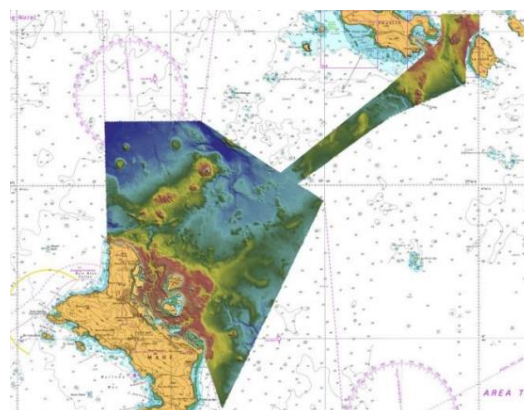
### 3.2 Digital Publications

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 DATA COLLECTION AND C-55 LATEST UPDATE

### 4.1 Data Collection

Significant investment and focus since SAIHC19 has taken place in the Seychelles. The major approaches to Victoria and Praslin and channels have undergone full ensonification surveys covering approximately 700km<sup>2</sup>. In addition SDB was procured for the wider area. Data has been received and is undergoing validation. This will enable improved and gridded ENC coverage.



### 4.2 C-55 Latest Update

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 including Ascension Island, St Helena and Tristan da Cunha within the SAIHC area. The latest status is correctly depicted within C-55.

The UK has also provided assistance to update C-55 entries to other countries, including Kenya, Seychelles, and Tanzania, 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.

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](#).

The UKHO have welcomed participants from Kenya and Mauritius on the accredited Category B GeoMAC Courses completed since SAIHC19.

## 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 - SAIHC REGION

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