



UK Hydrographic  
Office

# **UNITED KINGDOM NATIONAL REPORT**

to the

10<sup>th</sup> MEETING OF THE  
RSAHC

26–28 November 2024 Jeddah, Saudi Arabia

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

## Contents

<b>1</b>	<b>PAPER CHARTS</b> .....	<b>3</b>
<b>2</b>	<b>DIGITAL CHARTS</b> .....	<b>4</b>
<b>3</b>	<b>PUBLICATIONS</b> .....	<b>8</b>
<b>3.1</b>	<b>Paper Publications</b> .....	<b>8</b>
<b>4</b>	<b>C-55 LATEST UPDATE</b> .....	<b>8</b>
<b>5</b>	<b>CAPACITY BUILDING</b> .....	<b>9</b>
<b>6</b>	<b>P5 YEARBOOK LATEST UPDATE</b> .....	<b>9</b>
<b>7</b>	<b>UKHO POINTS OF CONTACT – RSAHC REGION</b> .....	<b>9</b>

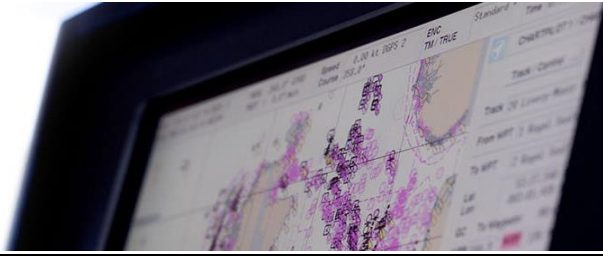
## I PAPER CHARTS

I.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 RSAHC region, the UKHO has published 11 INT Chart New Editions, 4 INT Adoptions and 12 New Editions since the last RSAHC meeting (November 2022). The breakdown is shown in the table below:

GB Chart Number	INT Chart	Title	Published
11	7304	Jazireh-ye Khark and Approaches	26-Sep-24
27		Bushehr	03-Oct-24
39		Gulf of Kachchh to Sonmiani Bay	01-Jun-23
40	7315	Karachi Harbour	05-Oct-23
1229	7285	Khawr 'Abd Allah - Hadd Warbah to Athan Shoal	22-Aug-24
1235	7289	Khawr ` Abd Allah and Approaches to Shatt al Arab	22-Aug-24
1265	7291	Khawr al Amaya and Khawr al Kafka	22-Aug-24
2523	7250	Cable Bank to Ra's Rakan	13-Apr-23
2853		Approaches to Suhar Port	22-Jun-23
2884	7278	Mina az Zawr to Al Basrah and Bushehr	22-Aug-24
2886	7243	Jazireh-ye Lavan and Jazirat Das to Ra's Tannurah	02-May-24
2888	7199	Jask to Dubai (Dubayy) and Jazireh-ye Qeshm	25-Apr-24
3479		Dibba Port	16-Nov-23
3520	7200	Khawr Kalba and Dawhat Diba to Gahha Shoal	02-May-24
3599		Bandar-e Shahid Bahonar and Bandar-e Shahid Raja'i with Approaches	25-May-24
3709		Port of Fujairah (Fujayrah) and Offshore Terminals	25-May-24
3713	7223	Approaches to Abu Dhabi (Abu Zaby)	28-Mar-24
3715	7224	Abu Dhabi (Abu Zaby)	28-Mar-24
3723		Approaches to Khawr Fakkan and Fujairah (Fujayrah)	25-Apr-24
3734	7261	Khalifa Bin Salman Port and Approaches	31-Oct-24
3736	7258	Mina Salman and Approaches	31-Oct-24
3738	7254	Outer Approaches to Bahrain	07-Nov-24
3752		Khalifa Port and Approaches	01-Jun-23
3760		Approaches to Bahrain - Southern Part	24-Oct-24
3761		Approaches to Bahrain - Central Part	24-Oct-24
3773		Ra's Al Khafji to Jazirat Bubiyan	22-Aug-24
3786		Approaches to Bahrain - Northern Part	07-Nov-24
<b>INT Charts to be published in the next six months</b>			
3783		Masaieed	
3787	7245	Approaches to Masaieed Hamad Port and Doha	

## 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 RSAHC region.

### 2.1 ENC's

Within the RSAHC region, the UKHO has published a total of 121 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**

RSAHC Region Released Cells	
ENC Usage Band	Number of GB ENC's
1	2
2	6 (7)
3	29 (30)
4	45(42)
5	37(39)
6	2
<b>Total Number of ENC's</b>	<b>121</b>

The table below shows new GB ENC coverage for the RSAHC Region that was released between November 2022 – November 2024.

New GB Cells	Cell Title	Week No.
GB403406	Al Jazeera Port to Al Jeer Port	19/12/22
GB403407	Umm Al Qaywayn to Hamriyah	19/12/22
GB55046B	UAE Cruise Terminal	21/11/22
GB4EETMH	Jazirat Abu Al Abyad	06/06/24
GB4EETML	Ra's al Halah to Qusabi	07/06/24
GB4EETMG	Khawr Al Bazam	10/06/24
GB4EETMK	Ar Rufayiq	10/06/24

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

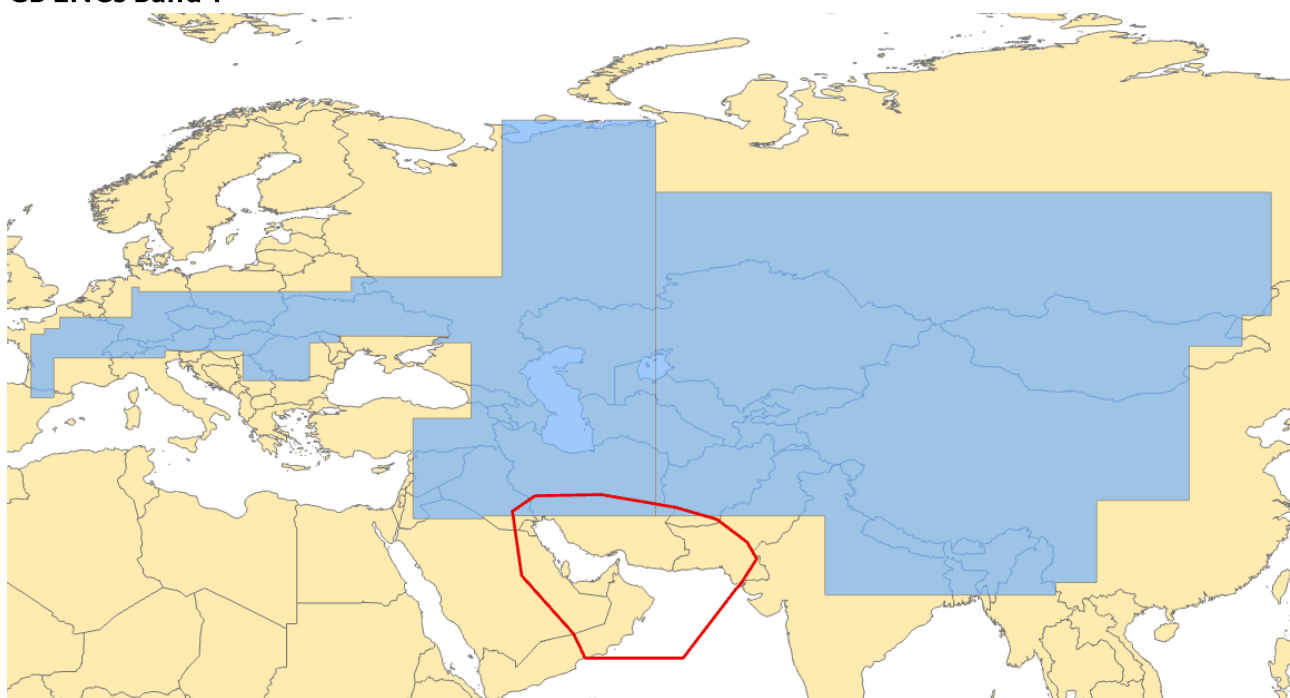
New GB Cells	Cell Title

The table below shows cancelled GB ENC cells and the replacement ENC coverage within the RSAHC region between November 2022 – November 2024.

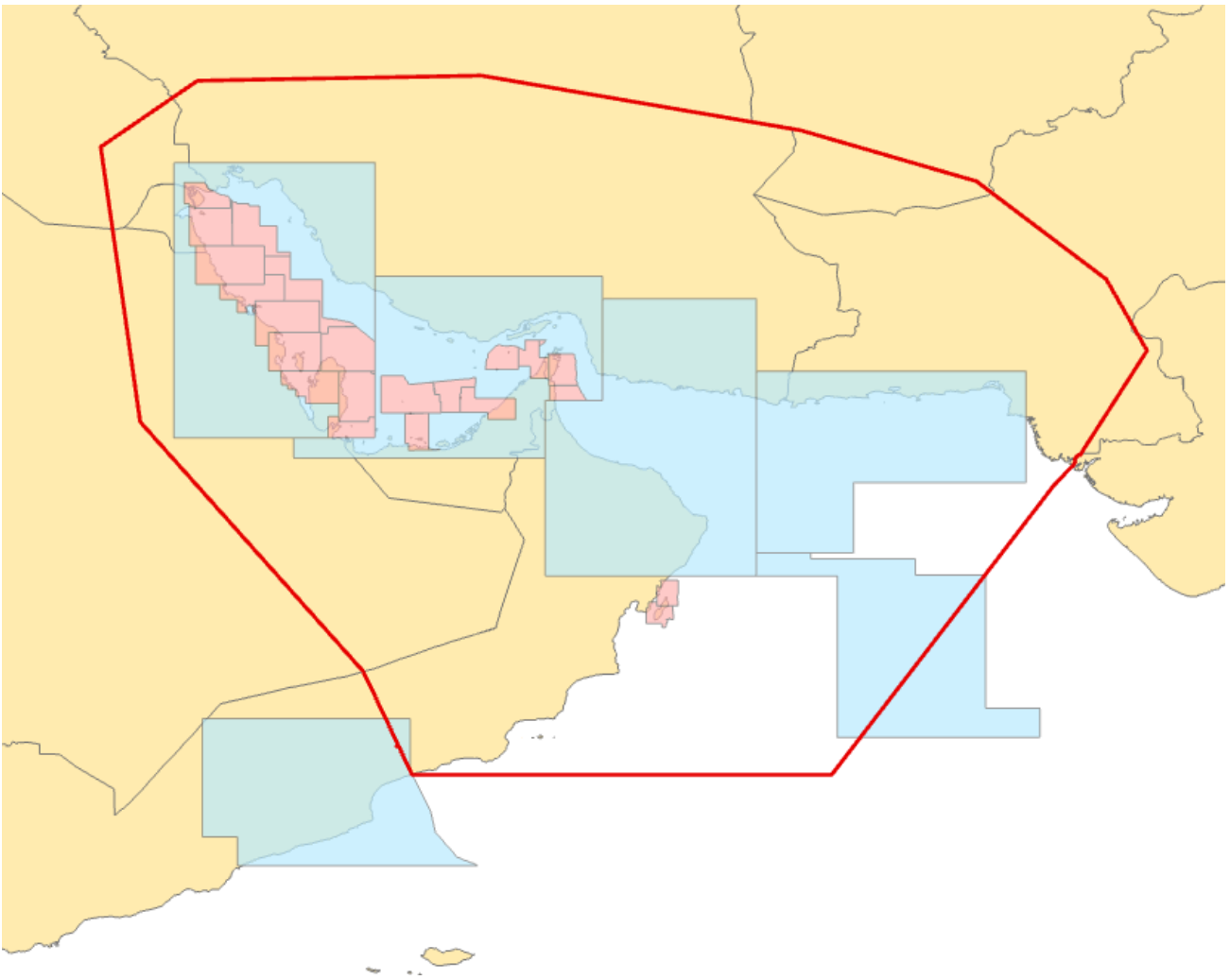
Cancelled GB Cells	Week No.	Replacements	
		Cell Name	Cell Title
GB241250	04/23	OM207500 and OM207501	Dalkut to Juzue Al Hallaniyyat and Juzur Al Hallaniyyat to Masirah
GB32883A	23/24	IR303168	TAKHT-E KAVEH (CABLE BANK) AND KAMAB-E SHAH ALAM (SHAH ALAM SHOAL)
GB40011A	19/24	IR403162	JAZIREH-YE KHARG TO GENAVEH
GB400011	19/24	IR403162	JAZIREH-YE KHARG TO GENAVEH
GB43409H	45/22		
GB53599B	45/22		
GB501269	45/22		
GB500011	47/22	IR403031	JAZIREH-YE KHARG

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

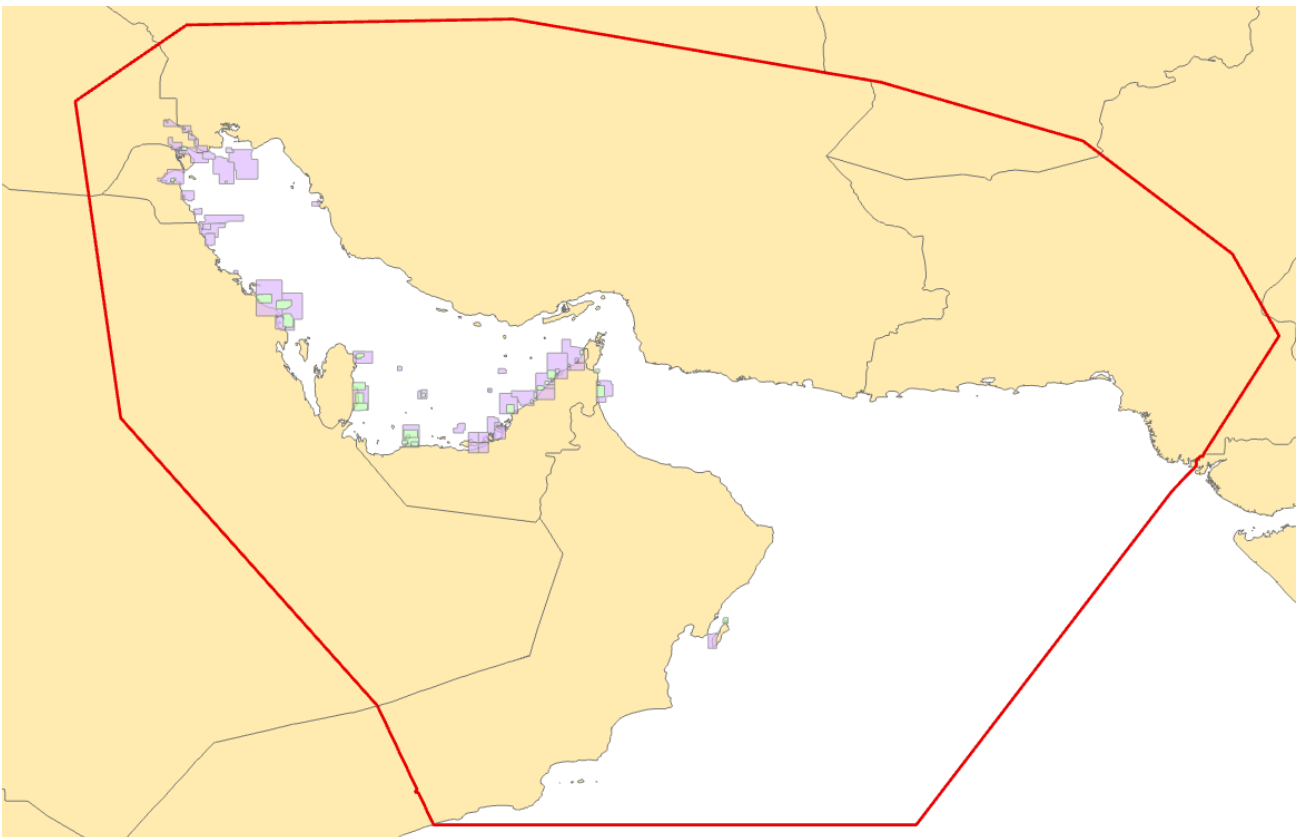
**GB ENCs Band I**



**GB ENCs Band 2 and Band 3**



**GB ENCs 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.

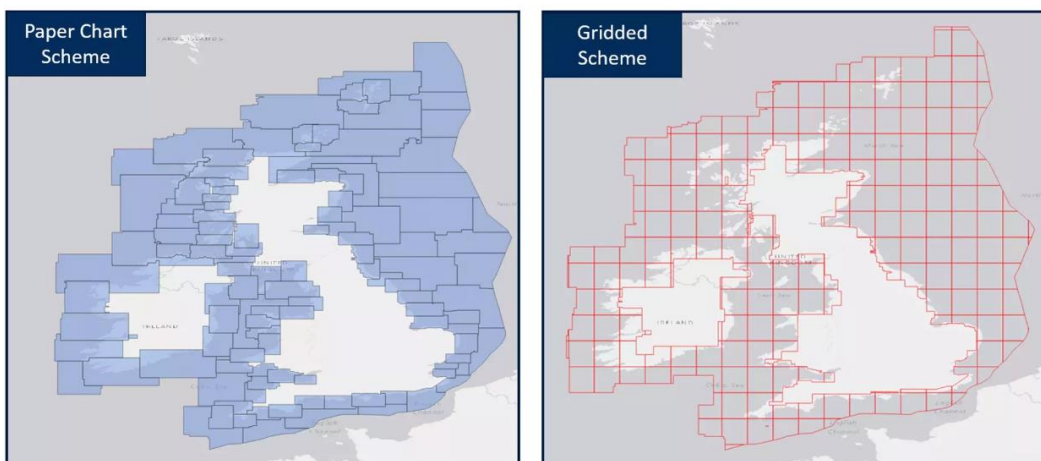
The project has already successfully delivered several areas of reschemed GB ENC coverage including High Density contouring, which is generating very positive feedback from the users.

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 RSAHC region are as follows:

**NP63** – Persian Gulf Pilot. Edition 19, last published 11<sup>th</sup> March 2021

**NP64** Red Sea and Gulf of Aden Pilot. Edition 20, last published 12<sup>th</sup> August 2021

**NP38** – West Coast of India Pilot. Edition 20, last published 9<sup>th</sup> March 2023



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](http://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 RSAHC region the UK fulfils the Primary Charting Authority (PCA) responsibilities on behalf of the following nations:

Iraq

Kuwait

Qatar

(Saudi Arabia – transitioning to become their own PCA).

UAE

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

**Delivery of Cat B GEOMAC cartography course:** Since RSAHC9, the UKHO has delivered its Nippon funded Cat B Geospatial Marine Analysis and Cartography (GEOMAC) course to 1 participant from the ROPME region.

**Assistance with IHO Marine Safety Information Courses in Oman (2023) and Bahrain (2024):** UKHO has worked in partnership with IHO, Oman National Hydrographic Office, Survey and Land Registration Bureau and Middle East Navigational Aids Service to deliver Marine Safety Information courses to more than 20 delegates from across the RSAHC and NIOHC region. These courses have been funded by the IHO Capacity Building Fund.

### **Capacity Building Funded Through MOU Partnerships**

Three GeoMAC Cat B places in Taunton and one MSc in Hydrography in Plymouth.

## 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 - RSAHC REGION

**UKHO Website:** [GOV.uk/UKHO](https://www.gov.uk/ukho)

The general UKHO address is:

UK Hydrographic Office,  
Admiralty Way,  
TAUNTON  
Somerset  
TA1 2DN  
United Kingdom

For further information on this report, UKHO representation in international fora, and UKHO activities in general, please contact:

E-mail: [IBTE@ukho.gov.uk](mailto:IBTE@ukho.gov.uk)

Telephone: +44 (0) 1823 484444

For bilateral arrangements and other international partnering matters within the RSAHC region, please contact:

### **Mr Tim Lewis**

Head of Partnering & Engagement, Middle East and Africa

Telephone: +44 (0) 7917174399

E-mail: [tim.lewis@ukho.gov.uk](mailto:tim.lewis@ukho.gov.uk)

For international training within the RSAHC region, please contact:

### **Mr Jeremy Kitchker**

International Training Manager

Telephone: +44 (0) 1823 483438

E-mail: [Jeremy.Kitchker@ukho.gov.uk](mailto:Jeremy.Kitchker@ukho.gov.uk)

For charting matters in the RSAHC region, please contact:

**Mr Michael Davis**

Geographical Technical Lead,

Telephone: +44 (0) 1823 483265

E-mail: [Michael.Davis@ukho.gov.uk](mailto:Michael.Davis@ukho.gov.uk)

For matters related to Sailing Directions within the RSAHC region, please contact:

Email: [SDImpactAnalysis@ukho.gov.uk](mailto:SDImpactAnalysis@ukho.gov.uk)