



# 13<sup>th</sup> Meeting of the WENDWG

## **SAIHC REGION H Report to WENDWG-13**

### **Agenda Items 05.1Axx and 05.3Axx**

WENDWG13, Aalborg, Denmark – 21 – 23 February 2023



**IHO**

International  
Hydrographic  
Organization

## **Membership**

**Angola, France, Kenya, Mauritius, Mozambique, Norway, Republic of South Africa, Seychelles,  
United Kingdom.**

## **Associate Members**

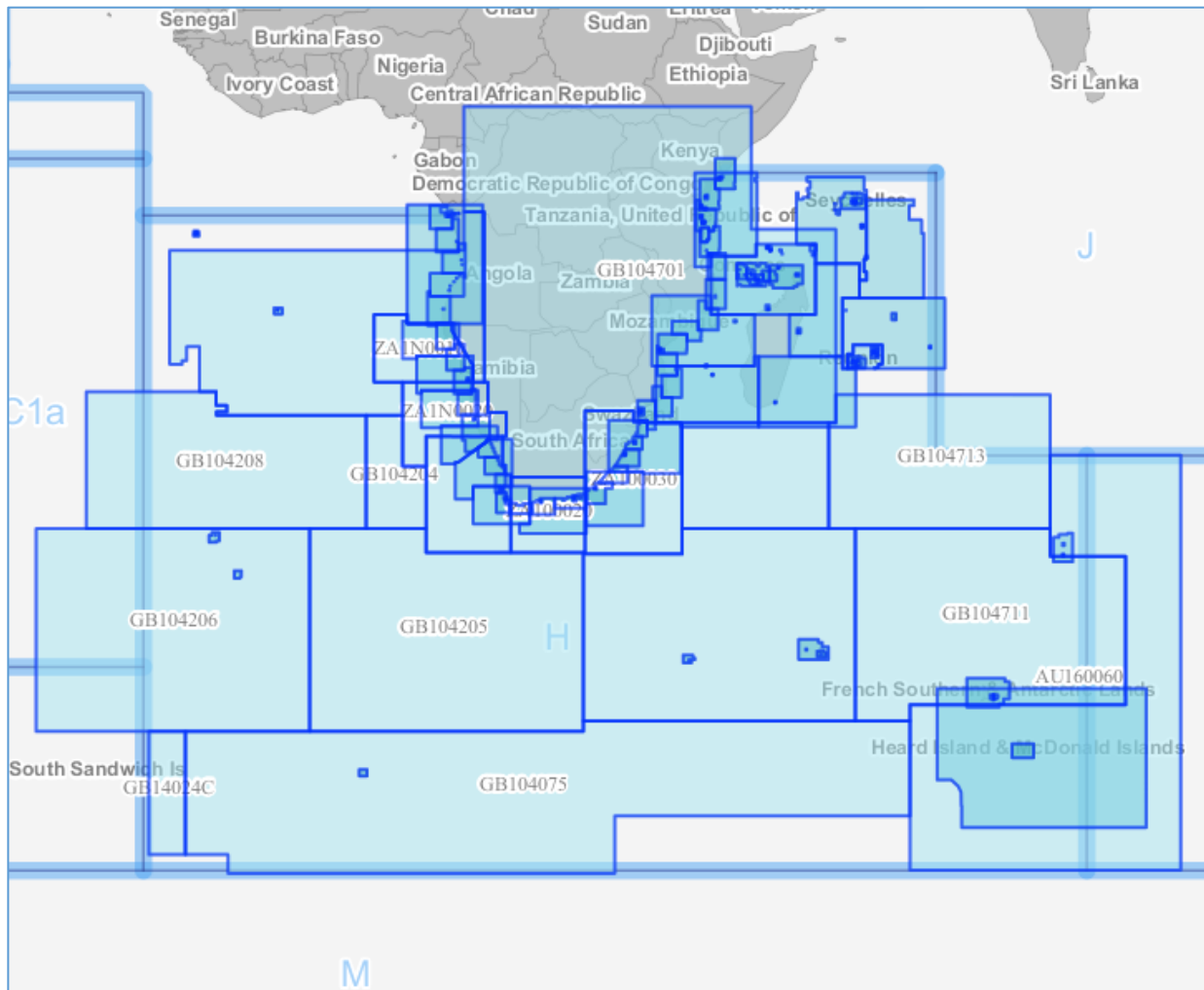
**Comores, India, Madagascar, Malawi, Namibia, Portugal, Tanzania.**



IHO

# REGION H – STATUS OF ENC COVERAGE

International  
Hydrographic  
Organization



## Number of ENCs per Usage Band

Berthing UB6 = **21**

Harbour UB5 = **71**

Approach UB4 = **78**

Coastal UB3 = **59**

General UB2 = **21**

Overview UB1 = **18**

**Total of 268 ENCs covering Region H**



IHO

# REGION H: ENC OVERLAPS

International  
Hydrographic  
Organization

## 8 Standing ENC overlaps since WENDWG-12

STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC	SAIHC/HCA	RU1A2K00	AU160060	1	LOW
LIVE	IC-ENC - PRIMAR	SAIHC	GB54232A	IN52520A	5	LOW
LIVE	IC-ENC - PRIMAR	SAIHC	GB500722	IN52551A	5	MEDIUM
LIVE	IC-ENC - PRIMAR	SAIHC	GB500722	IN52552W	5	MEDIUM
LIVE	IC-ENC - PRIMAR	SAIHC	GB502758	IN52510B	5	MEDIUM
LIVE	IC-ENC - PRIMAR	SAIHC	GB502758	IN52511A	5	MEDIUM
LIVE	IC-ENC-PRIMAR	SAIHC	GB54232A	IN62516D	5/6	MEDIUM
LIVE	PRIMAR	SAIHC	ZA2N0010	ZA2N0020	2	-



IHO

## REGION H: ENC OVERLAPS

International  
Hydrographic  
Organization

### 5 New ENC overlaps since WENDWG-12

STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC	SWPHC/ SAIHC	RU1B0PFO	AU160060	1	LOW
LIVE	IC-ENC	SAIHC	GB400669	IN42643A	4	UNASSESSED
LIVE	IC-ENC	SAIHC	GB400669	IN52642M	4	UNASSESSED
LIVE	IC-ENC	SAIHC	GB500669	IN52642M	5	UNASSESSED
LIVE	IC-ENC	SAIHC	GB500722	IN52556A	5	UNASSESSED

**TOTAL OF 13 ENC OVERLAPS IN REGION H**



**IHO**

International  
Hydrographic  
Organization

## **REGION H: ENC OVERLAPS**

**IHO Resolution 1 of 2018 (IHO CL 19/2018):**

**Hydrographic Offices, ENC Producers, and Regional Hydrographic Commissions should take appropriate measures to eliminate all overlapping ENC data, particularly in areas of demonstrable risk to the safety of navigation.**



IHO

International  
Hydrographic  
Organization

## **IMPLEMENTATION – WENDWG100-IGIF MATRIX**

The WEND100-IGIF Matrix includes 7 S-1xx product specifications for evaluation of the Readiness Level to indicate the various levels of maturity where each level is assigned a score and colour code for the following:

**S-101 (ENC)**

**S-102 (Bathy Surface)**

**S-104 (Water Levels)**

**S-111 (Surface Current)**

**S-122 (Marine Protected Areas)**

**S-124 (Navigational Warnings)**

**S-128 (Catalog of Products)**

**MSDI**

**South Africa at national level has not yet produced an S-1xx product. The matrix has been completed as close as possible to the ‘best fit’ option for purposes of the evaluation.**



IHO

International  
Hydrographic  
Organization

# S-100 IMPLEMENTATION ROADMAP FOR SOUTH AFRICA

South Africa is in the process of developing an S-100 strategy based on a comprehensive implementation plan and intends to be S-101 operational by mid 2024.

## High level strategy (national )

Phase 1: Preparation for conversion from S-57 to S-101

Phase 2: Importing S-57 HPD database to the S-101 database platform

Phase 3: S-101 database validation and S-101 product creation

## Priority S-1xx products identified:

Product	Description
---------	-------------

S-101	Electronic Navigational Charts (ENC)
-------	--------------------------------------

S-102	Bathymetry
-------	------------

S-122	Marine Protected Areas
-------	------------------------

S-124	Navigational Warnings
-------	-----------------------

S-104	Water Level Information for Surface Navigation
-------	--

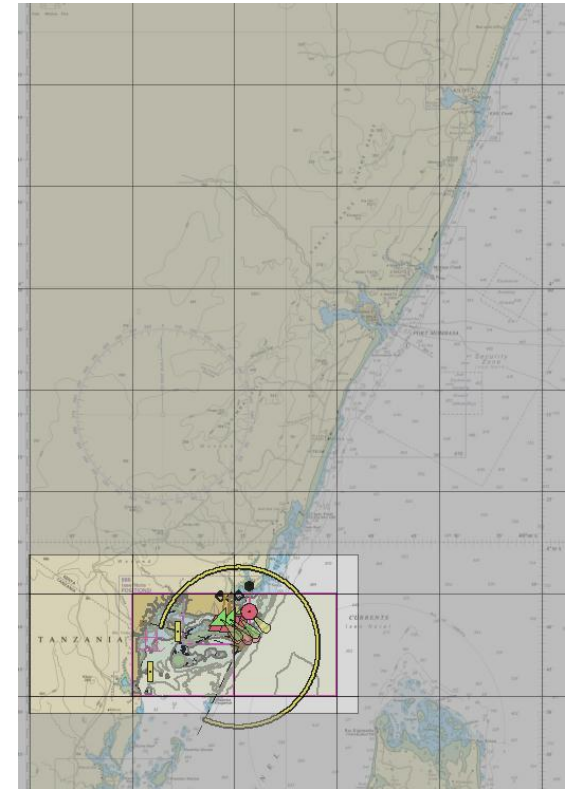
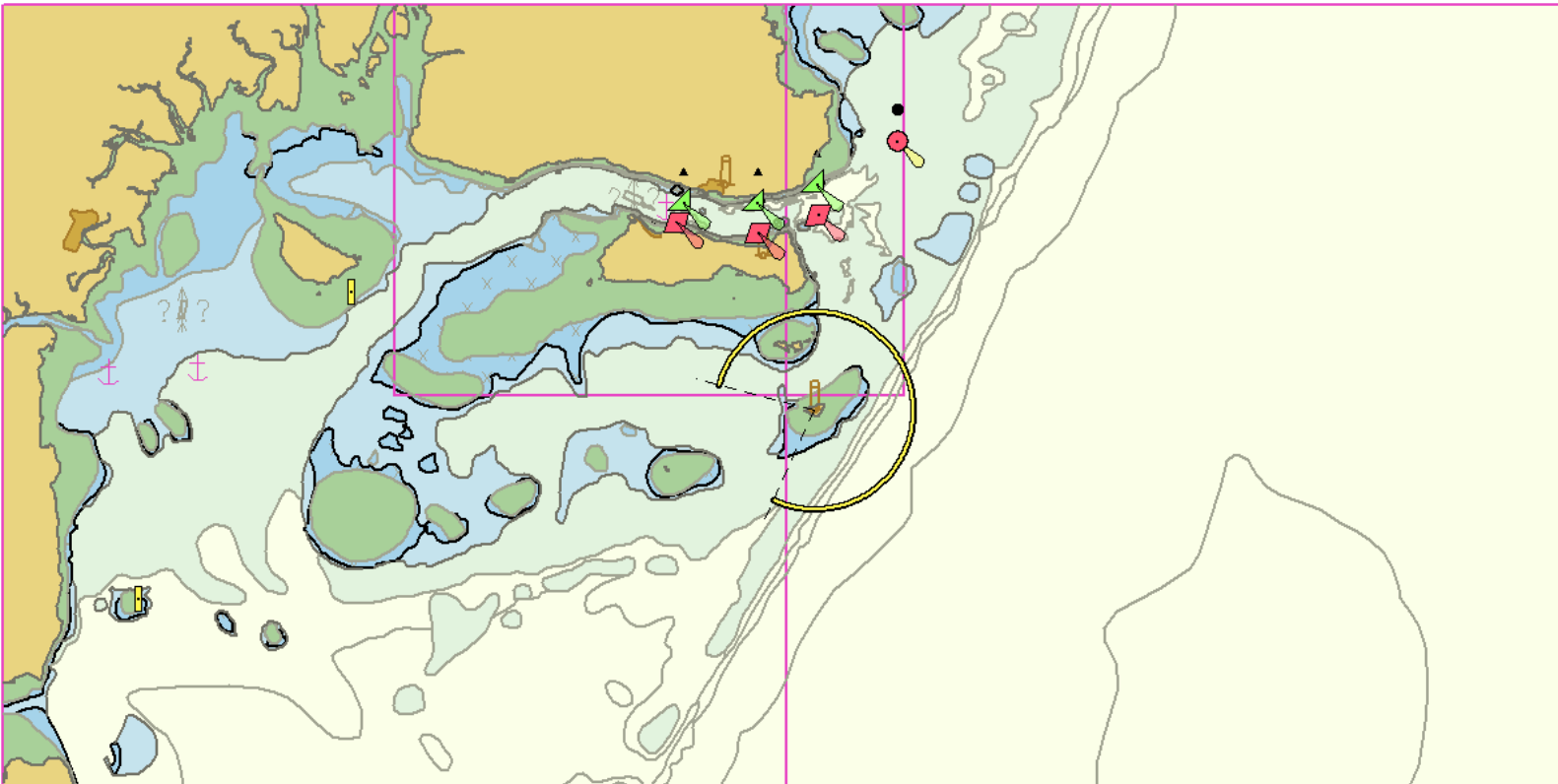




IHO

# UKHO – Shimoni, Kenya New ENC Coverage

- › UKHO have begun compilation of new large scale ENCs of Shimoni in Southern Kenya.
- › In support of the development of a new international fishing terminal.
- › Includes latest survey provided by Kenya Ports Authority.
- › The new coverage follows the UKHOs Gridded scheme and will include 2 usage band 4 cells with a band 5 M\_SCSL area providing larger scale coverage of the terminal.





IHO

International  
Hydrographic  
Organization

# **ACTIONS TO BE CONSIDERED BY THE WENDWG**

WENDWG invited to note the report from SAIHC

WENDWG13, Aalborg, Denmark – 21 – 23 February 2023