



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

## Report of the Southern African and Islands Hydrographic Commission (SAIHC)

### Agenda Items 05.1A



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# **INTRODUCTION/BACKGROUND**

International  
Hydrographic  
Organization

## **Membership**

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

## **Associate Members**

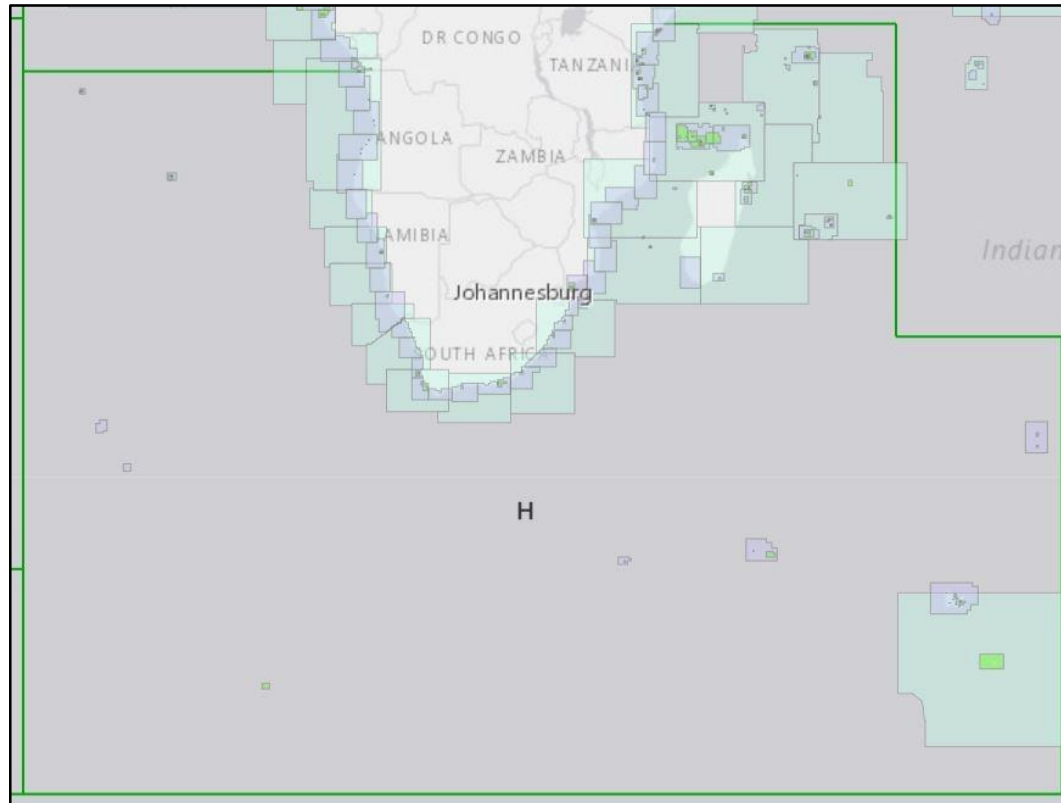
**Comores, India, Madagascar, Malawi, Namibia, Portugal, Tanzania.**



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# REGION H – ENC COVERAGE

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**Total of 288 ENCs Covering Region H**

**ENC Producer Nations:**

Australia, France, United Kingdom, India,  
Norway, Portugal, South Africa

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# REGION H – ENC OVERLAPS

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STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC	SWPHC/ SAIHC	RU1B0PF0	AU160060	1	LOW
LIVE	IC-ENC	SAIHC/HCA	RU1A2K00	AU160060	1	LOW
LIVE	IC-ENC – NON RENC (P)	SAIHC	GB400668	IN42643A	4	UNASSESSED
LIVE	IC-ENC	SAIHC	GB40668A	IN52642M	4	UNASSESSED
LIVE	IC-ENC – NON RENC (P)	SAIHC	GB400669	IN42643A	4	UNASSESSED
LIVE	IC-ENC	SAIHC	GB400669	IN52642M	4	UNASSESSED
LIVE	IC-ENC – NON RENC (P)	SAIHC	GB500669	IN52642M	5	UNASSESSED
LIVE	IC-ENC – NON RENC (P)	SAIHC	GB500722	IN52556A	5	UNASSESSED
LIVE	IC-ENC - NON RENC (P)	SAIHC	GB500722	IN52551A	5	MEDIUM
LIVE	IC-ENC - NON RENC (P)	SAIHC	GB500722	IN52552W	5	MEDIUM
LIVE	IC-ENC - NON RENC (P)	SAIHC	GB502758	IN52510B	5	MEDIUM
LIVE	IC-ENC - NON RENC (P)	SAIHC	GB502758	IN52511A	5	MEDIUM
LIVE	IC-ENC - NON RENC (P)	SAIHC	GB54232A	IN52520A	5	LOW
LIVE	IC-ENC - NON RENC (P)	SAIHC	GB54232A	IN62516D	5/6	MEDIUM
LIVE	IC-ENC	SAIHC	GB54232A	IN62517N	5/6	MEDIUM
LIVE	NON RENC (P)	SAIHC	ZA2N0010	ZA2N0020	2	-



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## REGION H – UPDATE ON ENC OVERLAPS (REFER TO PREVIOUS SLIDE)

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- 2 RU/AU ENC Overlaps

AU attempted to resolve overlapping issues a few years ago but have not had any success and treat these overlap issues as 'No Further Action' from a South West Pacific HC ICC WG perspective. Australia are of the opinion that the overlaps will not be resolved any time soon as RU remain unresponsive.

- 13 GB/IN ENC Overlaps

UK coordinating with India to resolve overlaps where possible.

- 1 ZA ENC Overlap

HO to resolve overlap.



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## **NEW ENC COVERAGE IN REGION H - UB2 (1)**

- FR produced INT charts 7062, 7063 and 7064 and equivalent UB2 ENCs which provide coverage for the area in the North of the Island of La Reunion and between Madagascar and La Reunion.
- FR proposed the production of a new ENC in UB 2 at CSCL 1: 700 000 to improve coverage for the South East approaches to the Island of La Reunion without publication of a paper chart.
- ICCWG were invited in 2023 to comment on proposal by France.
- New ENC coverage supported by the ICCWG via CL.
- New ENC would not have any impact on existing ENC coverage.
- Production of new ENC FR276900 planned for 2024 (graphic in following slide).

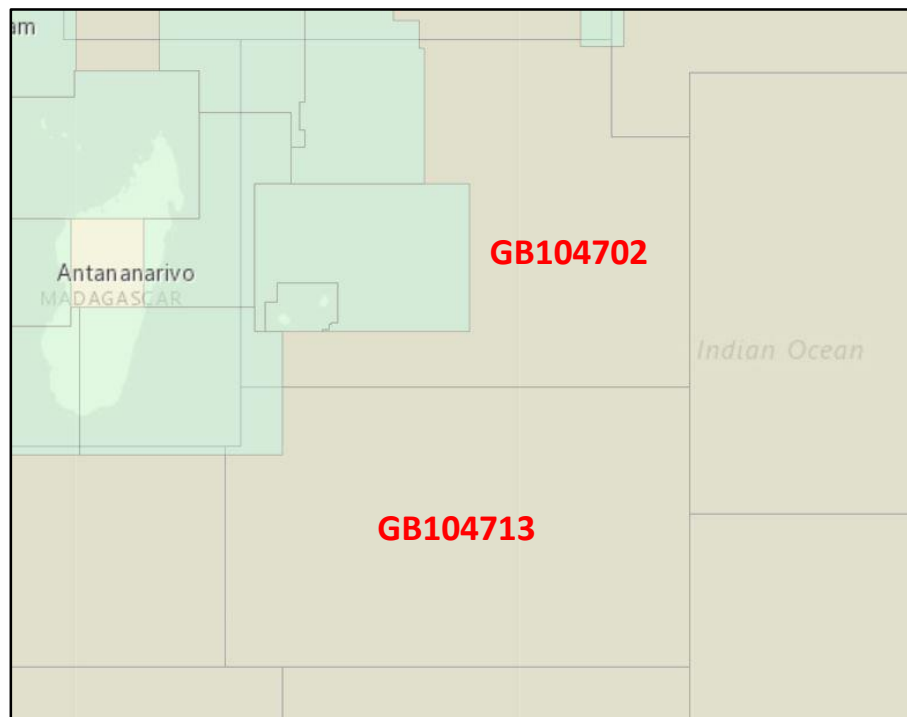


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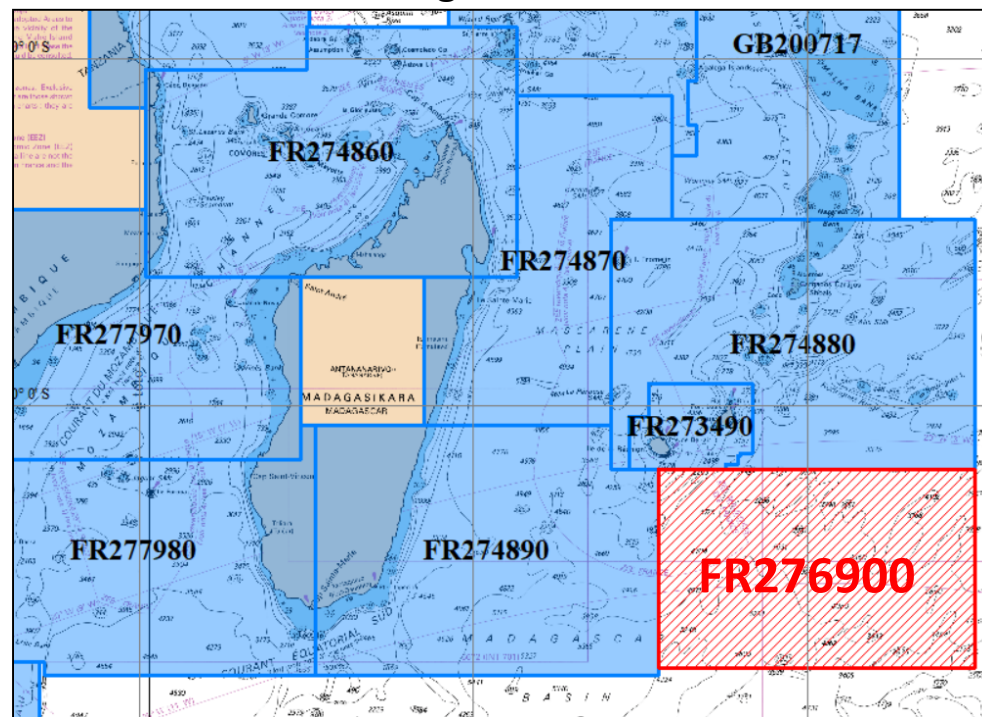
# NEW ENC COVERAGE IN REGION H - UB2 (2)

International Hydrographic Organization

Usage Band 1



Usage Band 2



Existing ENC coverage in UB2 (blue) and new ENC FR276900 where there is currently only UB1 coverage, GB104702 and GB104713, at scale 1: 3 500 000.



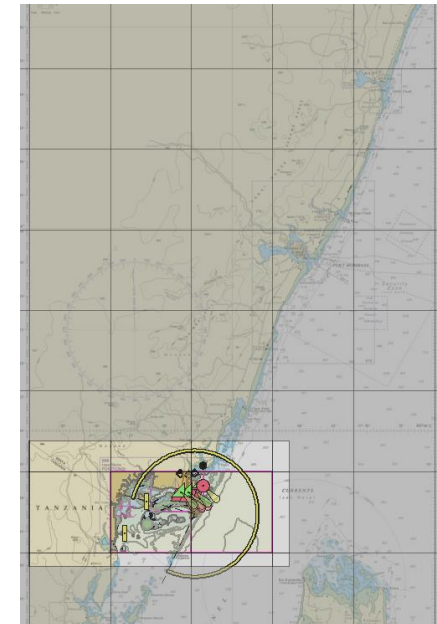
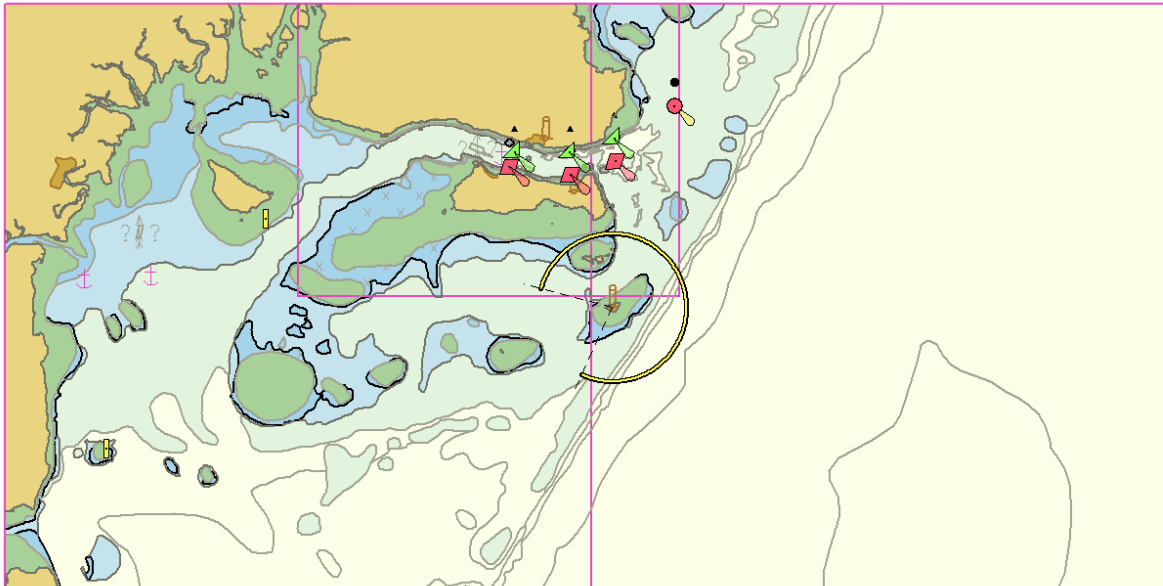
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# SAIHC ENC GRIDDED SCHEME (UKHO) (1)

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## Shimoni – Kenya – New gridded ENC GB4DUWWC and GB4DUWWG

- 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.







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# SAIHC ENC GRIDDED SCHEME (UKHO) (2)

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## Mombasa – Kenya – Potential gridded ENC Scheme (UKHO)

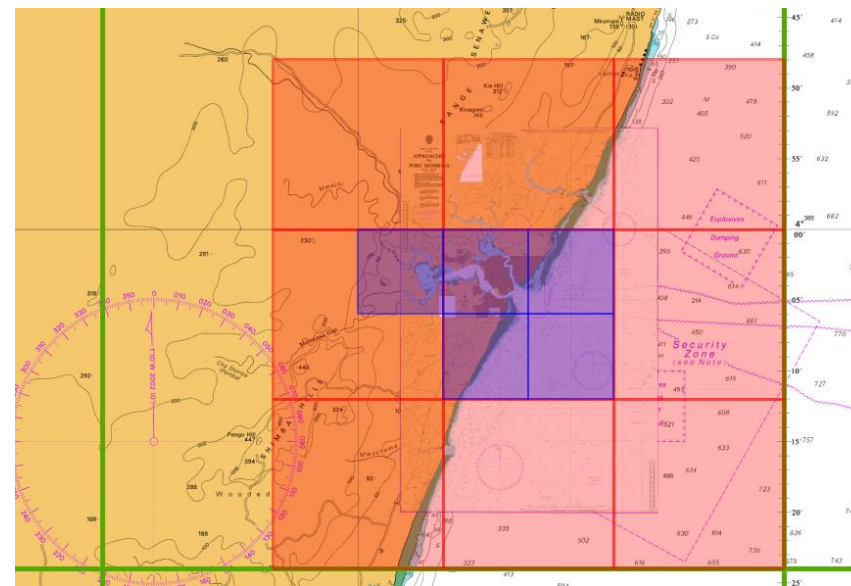
### Existing chart based ENC scheme

1 x Band 3, 1 x Band 4, 1 x Band 5 and 1x  
Band 6. Total = 4 ENC cells



### Model Gridded ENC Scheme

1 x Band 3, 8 x Band 4, 5 x Band 5 and  
1 Band 6. Total = 15 ENC cells





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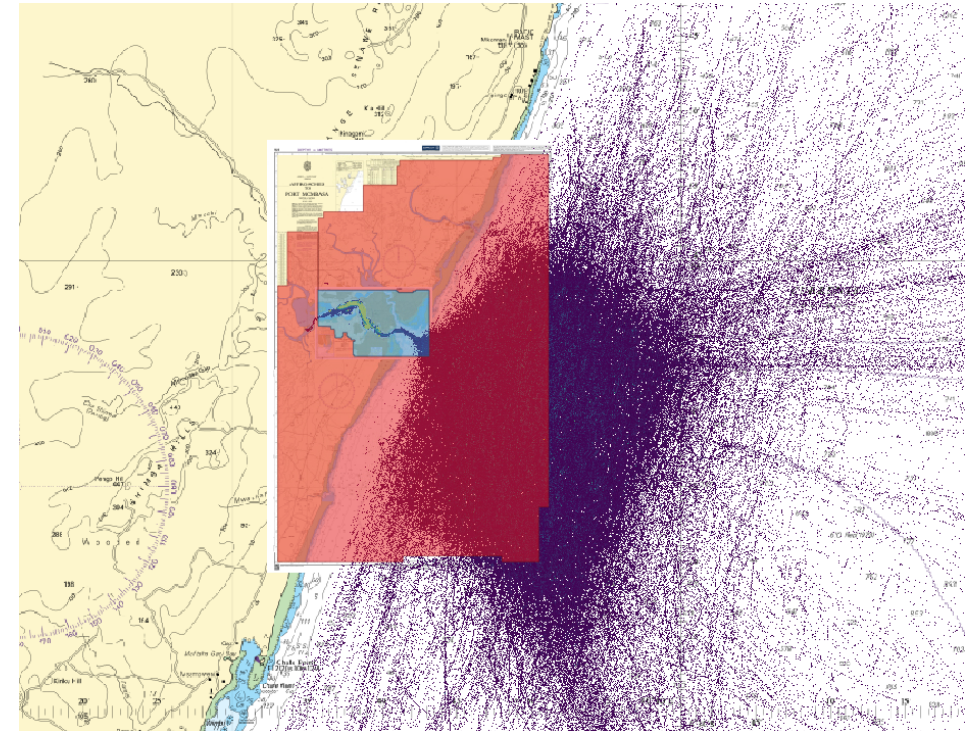
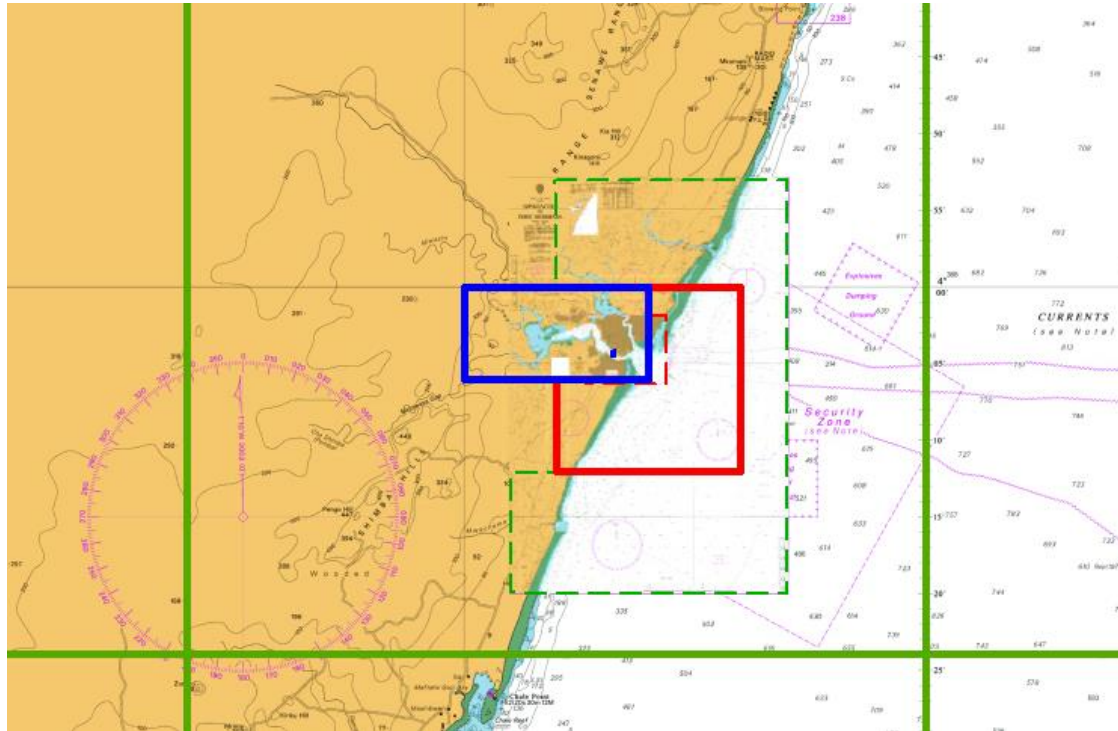
# SAIHC ENC GRIDDED SCHEME (UKHO) (3)

International Hydrographic Organization

## Mombasa – Kenya – Potential gridded ENC Scheme (UKHO)

### Potential Gridded Scheme Option.

1 x Band 3 (composite), 1 x Band 4 (composite) and 1 x Band 6 composite. Total = 3 cells



South Africa does not plan to rescheme ENC's for S-100 and will remain the same as for the current S-57 scheme



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# S-100 IMPLEMENTATION

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- The S-100 Coordinator role yet to be established within the SAIHC.
- South Africa the current RHC Chart Coordinator for SAIHC Region.
- Implementation and responsibilities of S-100 Coordinator role under discussion.
- The need of coordination for the S-100 implementation in both regional and national level to be identified once Coordinator role has been established.
- Extended activities in the implementation of the S-100 Roadmap for HCA still to be considered by MS.



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# **CHALLENGES**

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- Resolution of ongoing ENC overlaps remain a challenge for the SAIHC Region.
- South Africa is the Chart Coordinator for Region H and the position for an officially appointed National Hydrographer has remained vacant since May 2022. Impacts planning and decision making at national level with respect to coordinator roles and implementation of S-100.



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

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WENDWG is invited to note the report from SAIHC

WENDWG14, Virginia, United States of America – 20 – 22 February 2024