

# SAIHC16

## 8th SAIHC INT CHART COORDINATION WORKING GROUP (ICCWG)

Cape Town, South Africa

3rd September 2019

ICCWG Chairman

Alfons Van Craeynest

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## **Membership:**

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

## **Associate Members:**

Angola, Comoros, India, Kenya, Madagascar, Malawi, Namibia, Portugal, Tanzania.

# Agenda

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1. Opening
2. Approval of Agenda
3. **Matters arising from Minutes of 7th ICCWG Meeting**
  - 3.1 Actions – Action list to be updated
4. **S11 - Region H Chart Scheme**
  - 4.1 Status of INT Charting
  - 4.2 Member State updates
5. **ENC Overlaps**
  - 5.1 Elimination of overlapping ENC data
6. **IHO GIS developments**
  - 6.1 Update by IHO Secretariat
7. **Any Other Matters Arising from Discussions During the Meeting**
8. **Date and Venue of next meeting**
9. **Closure**

# Item 3: Matters arising from Minutes of 7th ICCWG Meeting

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## 3.1 Actions – Action list to be updated

## Item 3: Action Items

No.	Subject	Action By	Remarks
1	ICC-WG Coordinator to contact Russia and Australia to resolve ENC overlap	ICC-Coordinator	
2	Provide link to ENC portal demonstrator to MS	IHO Secretariat	
3	Define minimum meta data required to support trial ENC scheme	ICC-Coordinator	
4	To define ENC scheme for SAIHC Region H.	ICC-Coordinator	
5	Suggested trial teleconference	ICC-Coordinator	
6	INT 7582 – is to be removed from S11 and the chart is to become INT 7583 (new INT number). A copy of this chart needs to be circulated to the members for comment and will be pending until this is done.	SAIHC Member States	

## Item 3: Action Items

7	INT 7631 – this is related to Action Items 3 and 6 with ongoing discussions between UK, MZ and PT. New survey data is awaited and this will affect buoyage's and chart limits (which still need to be confirmed). Proposed completion date is end of 2017.	UK Portugal Mozambique	
8	INT 7632 – ongoing discussions between UK, MZ and PT regarding new charting limits.	UK Portugal Mozambique	
9	INT 7645 – the Scheme has been proposed and is in process. As soon as the limits have been established they are to be forwarded to the chairman for inclusion in S11.	PT/MZ South Africa	
10	Member States to feedback comments on how CATZOC is to be used to DQWG.	Member States	
11	UK, Tanzania, Kenya, and India to coordinate ENC requirements to provide the latest data in a carriage compliant product for the Mariner and report back to ICCWG coordinator.	UK, Tanzania, Kenya, India	

## Item 3: Action Items

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12	PCA to coordinate with Kenya and Tanzania ENC priorities and create a plan for ENC scheme.	UK, Kenya, Tanzania	
13	India and UK to confirm when overlaps with GB ENCs have been removed in Seychelles, Tanzania and Mozambique	India and UK	
14	To provide a report on the latest state of overlaps in SAIHC region.	ICC-Coordinator	

# Item 4: S11 - Region H Chart Scheme

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## 4.1 Status of INT Charts



# Item 4: S11 - Region H Chart Scheme

File Edit View History Bookmarks Tools Help

IHO GIS International Chart Web Catalogue SAHC

chart.iho.int:8080/iho/main.do

CHART SEARCH Search SeaWay

Web Catalogue MANUAL DOWNLOAD Manager

km | NM | CHART SEARCH | CHART LAYER | BASE MAP

Please see base map disclaimer / Voir avertissement relatif aux fonds de cartes

INT No Search

SEARCH Option Reset

INT Region H CHART Scale

Prod Nation

Pub Year

Status All

CHART List 125 Item

- ▶ 203:Ascension Island an...
- ▶ 204:Walvis Bay to Maputo
- ▶ 700:Port Elizabeth to M...
- ▶ 701:Maputo to Muqdisho
- ▶ 702:Chagos Archipelago ...
- ▶ 2050:Luanda to Baía dos ...
- ▶ 2051:Baía dos Tigres to ...
- ▶ 2052:Walvis Bay to Orang...
- ▶ 2053:Orange River to Tab...
- ▶ 2511:Entrance to River C...
- ▶ 2512:Punta da Cafumbica ...
- ▶ 2512:Continuation to MaL...

DOWNLOADS XLS PDF GML SHP

BASE Map

- WORLDMap
- BATHYMETRYMap

CHART Layers

- All Layers
- Overview
- General
- Coastal
- Approach
- Harbour
- Berthing

076° 30.42' E / 10° 39.38' N

12:55 PM 2019/09/02

# Item 4.1: Status of INT Charts (Schemed)

The screenshot displays the International Chart Web Catalogue interface. On the left, a search panel is visible with the following details:

- Search: Search SeaWay
- INT No: [ ] Search
- SEARCH Option: [ ] Reset
- INT Region: [ ] CHART Scale: [ ]
- Prod Nation: [ ]
- Pub Year: [ ]
- Status: Schemed
- CHART List: 23 Item

The map shows the southern African coastline with three chart locations marked by orange squares and labeled with arrows:

- 2551 → (Porto de Luanda)
- 2561 → (Porto do Lobito)
- 2581 → (Porto da Beira)

The 'CHART LAYERS' panel on the right includes:

- BASE Map: WORLDMap, BATHYMETRYMap
- CHART Layers: All Layers, OverView, General, Coastal, Approach, Harbour, Berthing

The 'CHART LIST' on the left side of the map area contains the following entries:

- ▶2551:Porto de Luanda
- ▶2561:Porto do Lobito
- ▶2581:Porto de Namibe (Mo...)
- ▶7052:Durban to Inhambane
- ▶7062:Approches Nord-Est ...
- ▶7064:Approches Sud-Est d...
- ▶7580:Jesser Point to Boa...
- ▶7583:Porto de Maputo
- ▶7620:Cabo de Sao Sebasti...
- ▶7630:Beira to Rio Zambeze
- ▶7631:Approaches to Porto...
- ▶7632:Porto da Beira

Buttons at the bottom of the search panel include: DOWNLeads, XLS, PDF, GML, SHP.

# Item 4.1: Status of INT Charts (Schemed)

The screenshot displays the International Chart Web Catalogue interface. On the left, the 'CHART SEARCH' panel includes filters for 'INT No.', 'INT Region H', 'Prod Nation', 'Pub Year', and 'Status' (set to 'Schemed'). Below this is a 'CHART List' with 23 items, including entries like '7645:Porto da Topuito' and '7749:Îles Kerguelen'. The main map area shows a geographical view of the southern African coast and Indian Ocean. Four specific chart areas are highlighted with orange boxes and labeled with numbers: 7747 (a small box near the coast), 7748 (a box on the east coast), 7749 (a box near the southern tip), and 7746 (a large box covering a significant portion of the southern coast and offshore waters). The 'BASE Map' panel on the right shows 'WORLDMap' and 'BATHYMETRY Map' options. The 'CHART Layers' panel lists various map layers such as 'Overview', 'General', 'Coastal', 'Approach', 'Harbour', and 'Berthing'. The bottom status bar shows coordinates '038° 08.37' E / 60° 010.3' S' and a timestamp of '02:15 PM 2019/09/01'.

# Item 4.1: Status of INT Charts (Schemed)

The screenshot displays the International Chart Web Catalogue interface. The main map shows the southern African region with several chart numbers overlaid: 7671, 7661, 7640, 7062, 7631, 7632, 7630, 7620, 7064, 77397, 7583, 7580, and 7052. The interface includes a search panel on the left with filters for INT No., INT Region II, Prod Nation, Pub Year, and Status (set to Schemed). A chart list on the left shows 23 items, including entries like 7645:Porto da Topuito, 7661:Approaches to Nacala, and 7671:Approaches to Mtware. The right panel shows the BASE Map layer selector (WORLDMap, BATHYMETRYMap) and the CHART Layers panel (All Layers, Overview, General, Coastal, Approach, Harbour, Berthing). The bottom status bar shows the coordinates 038° 25.50' E / 25° 25.12' S and the time 02:16 PM on 2019/09/01.

# Item 4.1: Status of INT Charts (Schemed)

The screenshot shows the International Chart Web Catalogue interface. The browser address bar displays 'chart.iho.int:8080/iho/main.do'. The page title is 'INTernational Chart Web Catalogue'. The interface includes a search bar, a 'MANUAL DOWNLOAD' button, and a 'Manager' button. The main content area shows a map of the East African coast with a yellow marker labeled '7701' pointing to a location near the coast. The left sidebar contains a 'CHART SEARCH' section with filters for 'INT No.', 'INT Region (I)', 'Prod Nation', 'Pub Year', and 'Status' (set to 'Schemed'). Below the search filters is a 'CHART List' with 23 items, including '7661:Approaches to Nacala', '7671:Approaches to Mtwara', and '7701:Approaches to Port ...'. The right sidebar contains 'BASE Map' options (WORLDMap, BATHYMETRYMap) and 'CHART Layers' (All Layers, OverView, General, Coastal, Approach, Harbour, Berthing). The bottom right corner of the map shows coordinates '040° 58.03' E / 04° 14.21' S'.

# Item 4: S11 - Region H Chart Scheme

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## 4.2 Member State Updates

### Discussion – Challenges faced by MS

# Item 5: ENC Overlaps

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## 5.1 Elimination of Overlapping ENC data

# Item 5: ENC Overlaps

## Current Status of Overlapping ENCs in Region H

Region H is covered by 263 ENC cells in total produced by France, India, Portugal, South Africa, and UK. The table below summarises the current status and overall risk to navigation based on overlap reports. There were a total of 12 instances of overlapping ENCs during 2018/2019 of which 2 were resolved and one accepted.

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	ZA100030	FR277980	1/2	LOW
LIVE	IC-ENC - PRIMAR	SAIHC	ZA200020	ZA200030	2	LOW
LIVE	IC-ENC	SAIHC	ZA200010	ZA200020	2	LOW
LIVE	IC-ENC	SAIHC	ZA200010	ZA2N0040	2	LOW
LIVE	IC-ENC-PRIMAR	SAIHC	GB200717	FR274880	2	LOW
LIVE	IC-ENC - PRIMAR	SAIHC	GB54232A	IN52520A	5	LOW
LIVE	IC-ENC - PRIMAR	SAIHC	GB500722	IN52551A	5	MEDIUM
				IN52552W		MEDIUM
LIVE	IC-ENC - PRIMAR	SAIHC	GB502758	IN52510B	5	MEDIUM
				IN52511A		MEDIUM
RESOLVED	IC-ENC	SAIHC	ZA1N0010	GB104203	1	-
RESOLVED	IC-ENC	SAIHC	ZA100030	GB104701	1	-
ACCEPTED	IC-ENC	SAIHC	ZA300120	GB302930	3	-



# Item 5: ENC Overlaps

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

Refers to the elimination of overlapping ENC data in areas of demonstrable risk to the safety of navigation.

### (WEND-WG9 Action Item 3)

3. Matters arising from WENDWG-8 Meeting, from HSSC-10, IRCC-10 and C-2					
	IHO CL 19/2018	WENDWG9/03 (former WENDWG9/04)	The WENDWG <sup>8</sup> agreed that the one-year “clock” should start <u>once</u> the overlapping issues, starting with potential “highest” risk cases, have been reported to the ENC Producers, the management of these cases to be implemented by the RHCs, keeping the WENDWG informed and report to IRCC, as appropriate.		Decision (kept active for tracking purposes)

# Item 5: ENC Overlaps

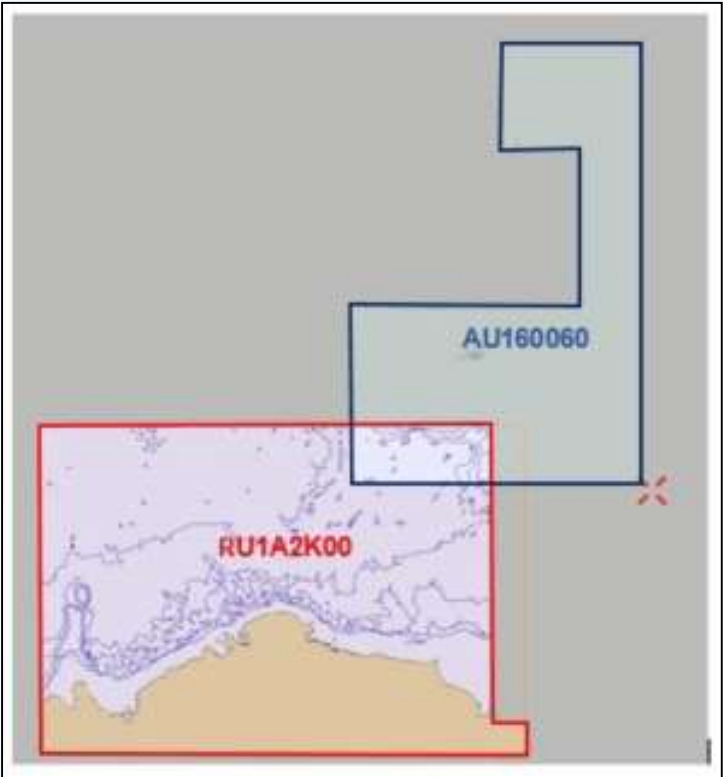
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## ENC Overlap Reports

**MS and ENC Producers are reminded to make use of the IC-ENC Overlap Reports and the PRIMAR Overlap Checker on a regular basis and as a first step (policy endorsed by WENDWG) to assess and eliminate overlapping ENC data in areas of demonstrable risk to the safety of navigation (IHO Resolution 1/2018).**

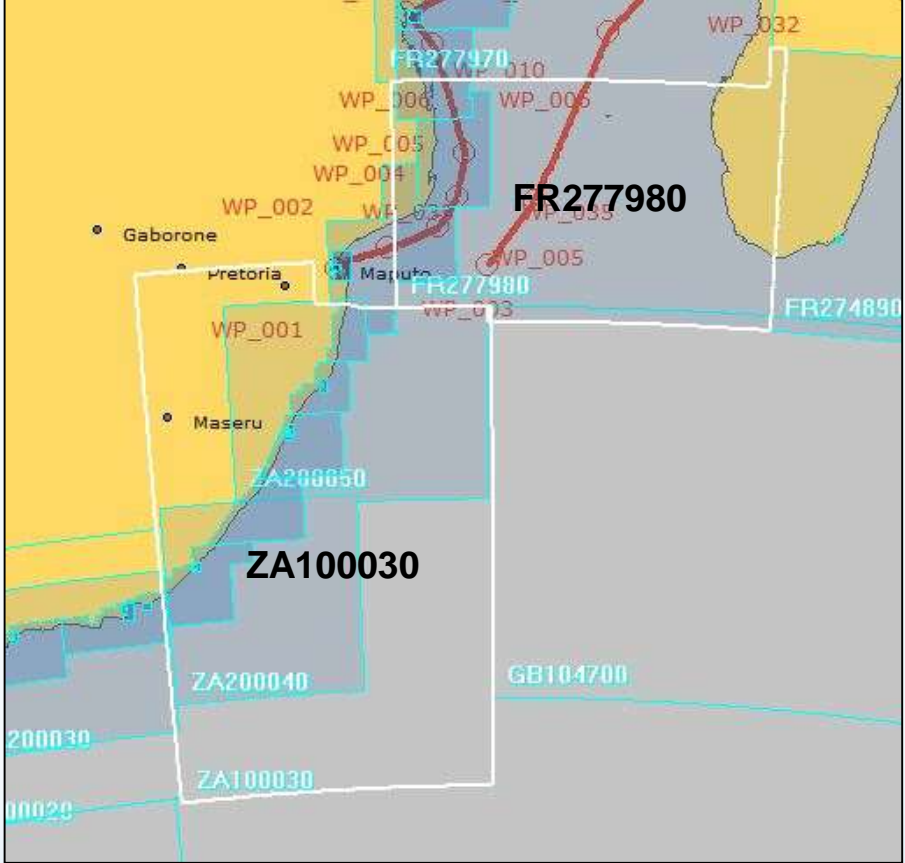
# Item 5: ENC Overlaps

STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC	SAIHC/HCA	RU1A2K00	AU160060	1	LOW



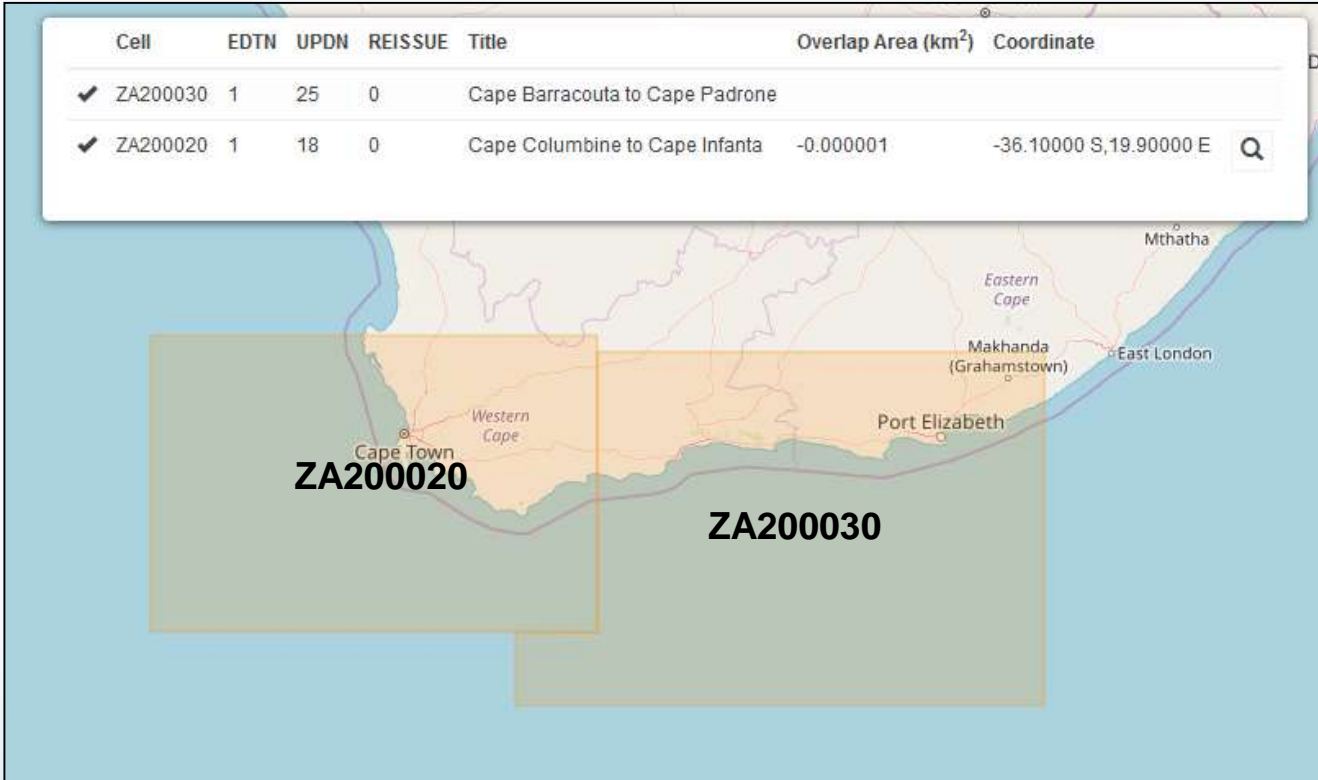
# Item 5: ENC Overlaps

STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC/PRIMAR	SAIHC	ZA100030	FR277980	1/2	LOW (To be assessed)



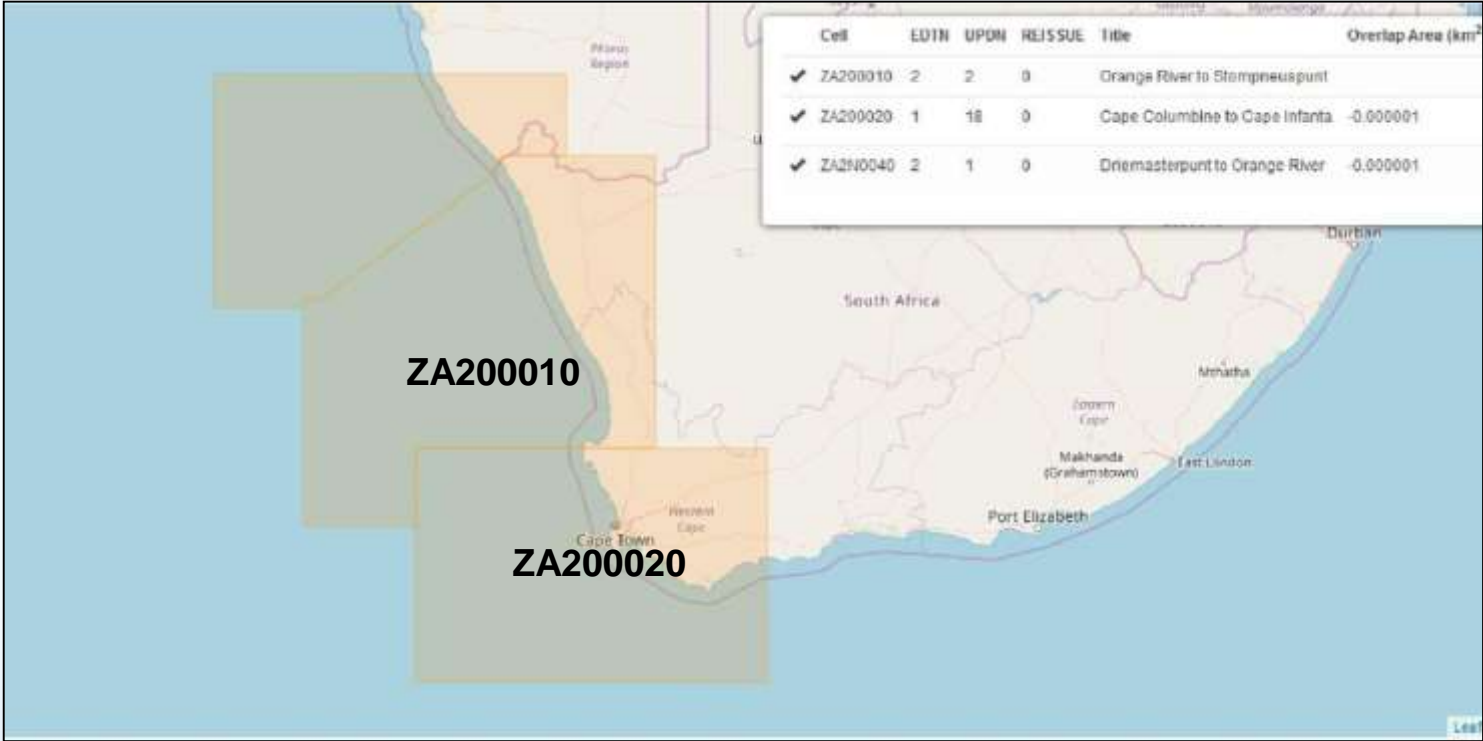
# Item 5: ENC Overlaps

STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC	SAIHC	ZA200020	ZA200030	2	LOW



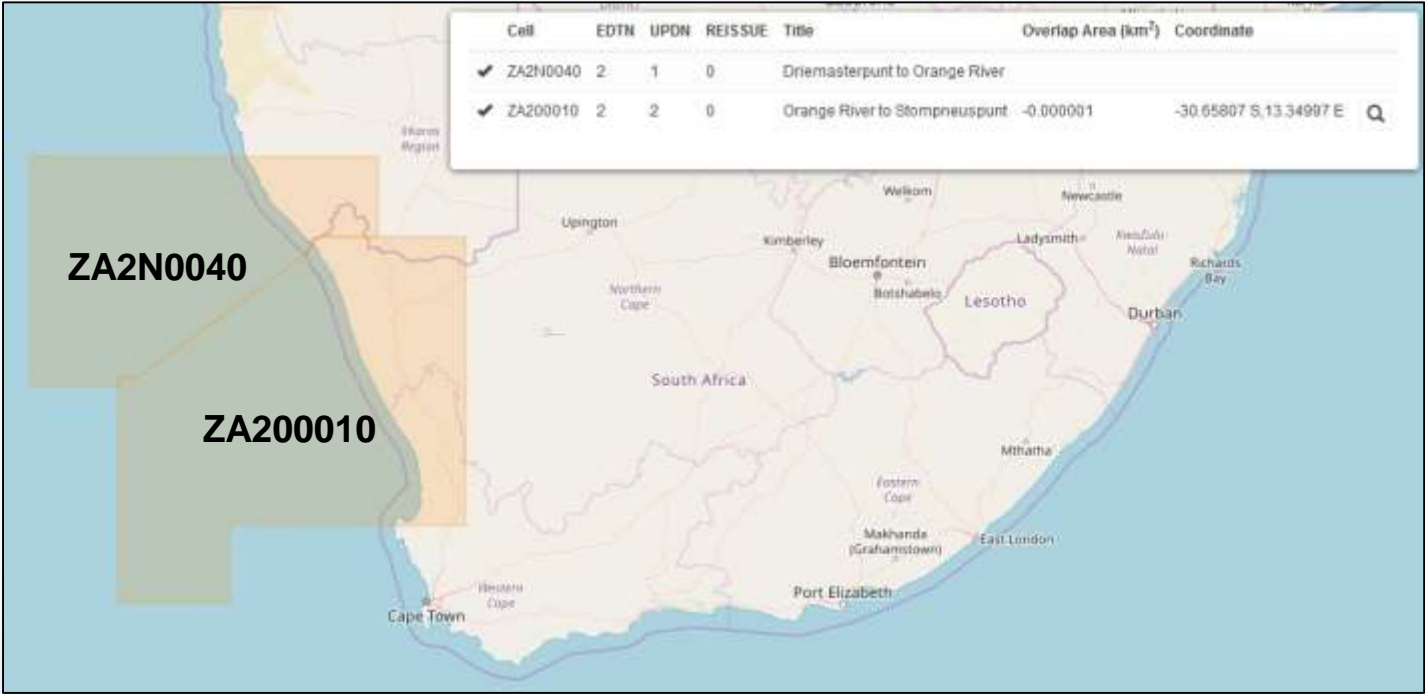
# Item 5: ENC Overlaps

STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC	SAIHC	ZA200010	ZA200020	2	LOW



# Item 5: ENC Overlaps

STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC - PRIMAR	SAIHC	ZA2N0040	ZA200010	5	LOW



# Item 5: ENC Overlaps

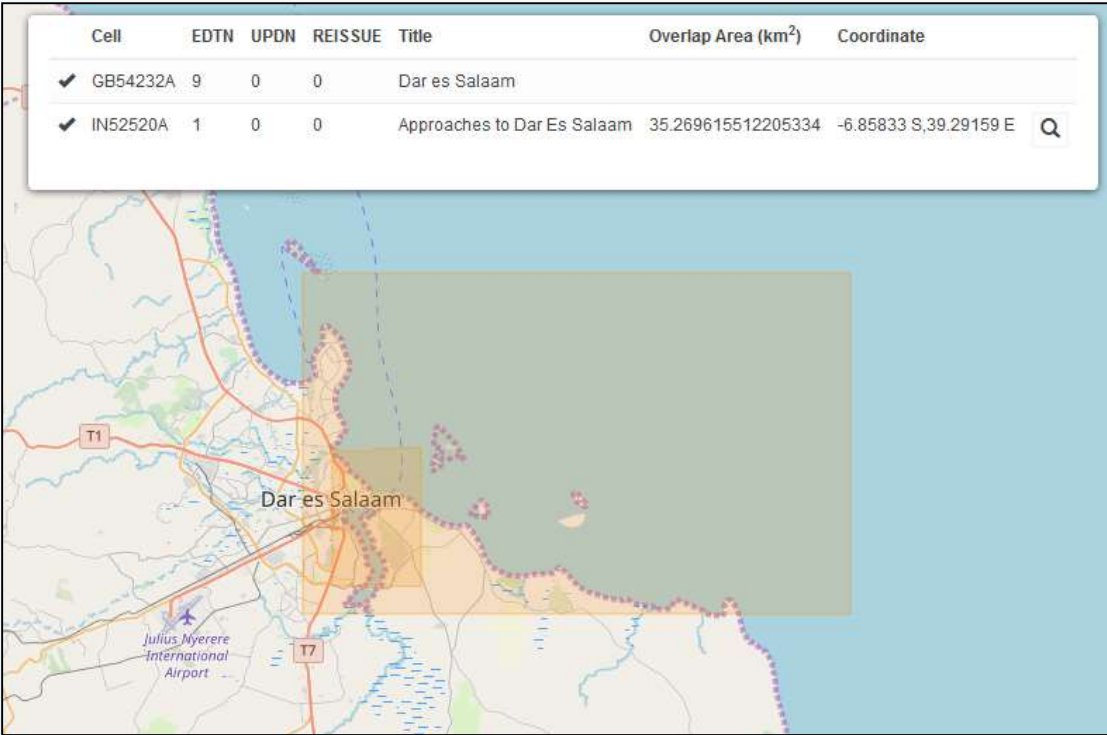
STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC/PRIMAR	SAIHC	GB200717	FR274880	2	To be assessed





# Item 5: ENC Overlaps

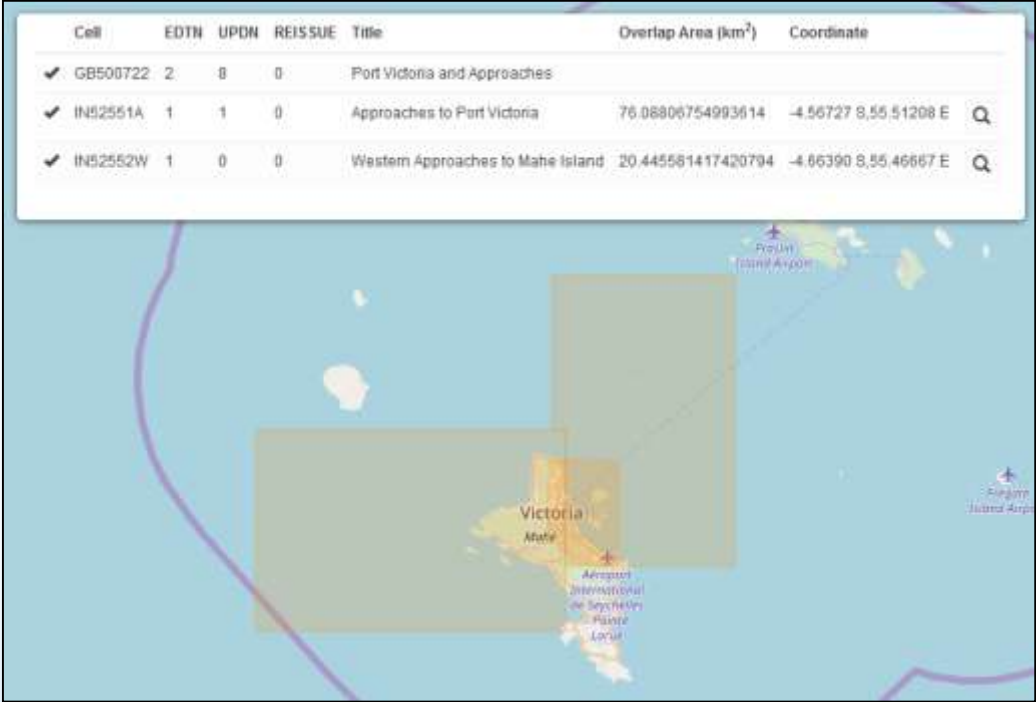
STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
<b>LIVE</b>	IC-ENC - PRIMAR	SAIHC	GB54232A	IN52520A	5	<b>LOW</b>



Tanzania

# Item 5: ENC Overlaps

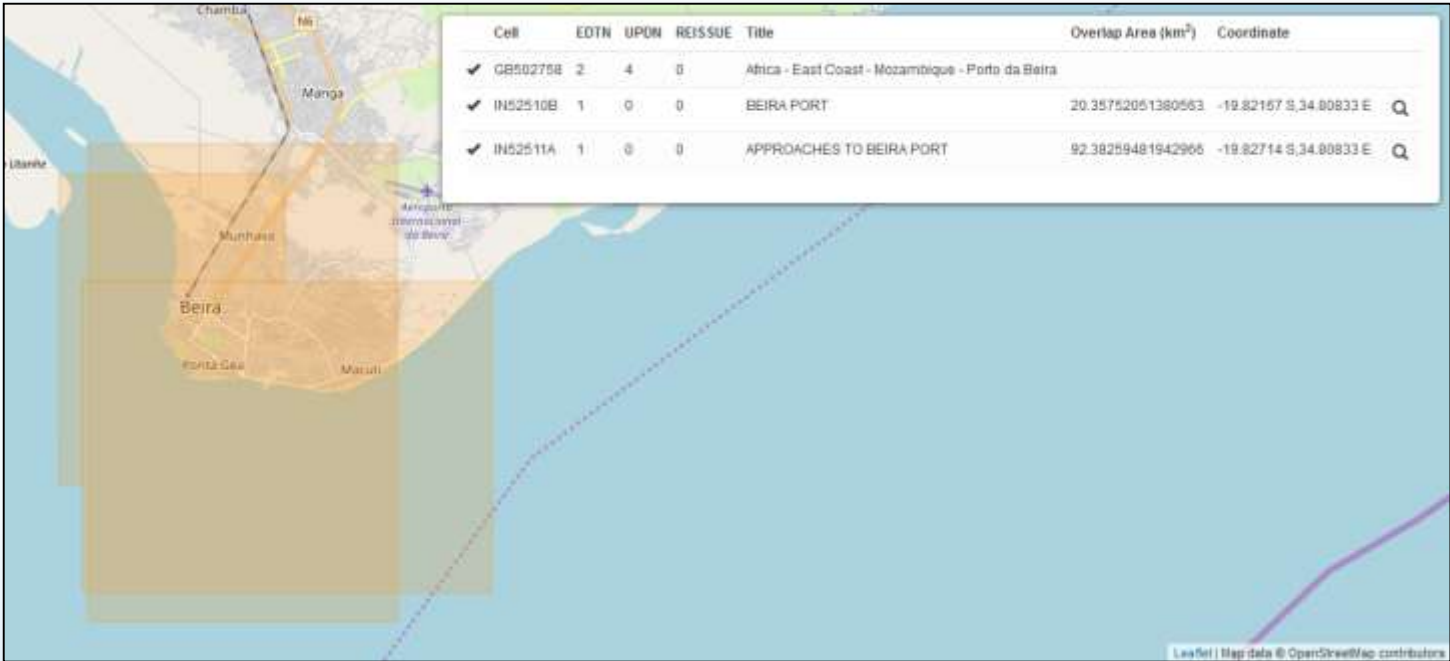
STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
LIVE	IC-ENC - PRIMAR	SAIHC	GB500722	IN52551A IN52552W	5	MEDIUM



Seychelles

# Item 5: ENC Overlaps

STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	Overall Severity of Risk
<b>LIVE</b>	IC-ENC - PRIMAR	SAIHC	GB502758	IN52510B IN52511A	5	<b>MEDIUM</b>



**Mozambique**

## Item 5: ENC Overlaps (Table summarises current status)

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	ZA100030	FR277980	1/2	LOW
LIVE	IC-ENC - PRIMAR	SAIHC	ZA200020	ZA200030	2	LOW
LIVE	IC-ENC	SAIHC	ZA200010	ZA200020	2	LOW
LIVE	IC-ENC	SAIHC	ZA200010	ZA2N0040	2	LOW
LIVE	IC-ENC-PRIMAR	SAIHC	GB200717	FR274880	2	LOW
LIVE	IC-ENC - PRIMAR	SAIHC	GB54232A	IN52520A	5	LOW
LIVE	IC-ENC - PRIMAR	SAIHC	GB500722	IN52551A	5	MEDIUM
				IN52552W		MEDIUM
LIVE	IC-ENC - PRIMAR	SAIHC	GB502758	IN52510B	5	MEDIUM
				IN52511A		MEDIUM
<i>RESOLVED</i>	<i>IC-ENC</i>	<i>SAIHC</i>	<i>ZA1N0010</i>	<i>GB104203</i>	<i>1</i>	-
<i>RESOLVED</i>	<i>IC-ENC</i>	<i>SAIHC</i>	<i>ZA100030</i>	<i>GB104701</i>	<i>1</i>	-
<i>ACCEPTED</i>	<i>IC-ENC</i>	<i>SAIHC</i>	<i>ZA300120</i>	<i>GB302930</i>	<i>3</i>	-

# Item 6: IHO GIS Developments

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## 6.1 Update by IHO Secretariat

## Item 7:

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# Any Other Matters Arising from Discussions During the Meeting

# Item 8:

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## Date and Venue of Next Meeting

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# Closure