



**MINUTES OF THE 6TH SOUTHERN AFRICAN AND ISLANDS
HYDROGRAPHIC COMMISSION INTERNATIONAL CHARTING
COORDINATION WORKING GROUP (SAIHC ICCWG)**

La Réunion
6th September 2017

1. 6th ICCWG MEETING

*Docs: ICCWG6-1 - Agenda
ICCWG6-2 - Minutes of ICCWG5
ICCWG6-3 - Actions of ICCWG5
SAIHC14-5.1.1 - S-11 Part B for Region H Update*

The SAIHC Chair introduced UK, to chair the 6th ICCWG Meeting, and in discussion with the IHO Director, agreed to change this to an Open Session, therefore all were invited to attend.

Members: France, Mozambique, Norway, and UK.

Associate Members: Portugal, Namibia, and Seychelles

1. Opening and Administrative Arrangements

The SAIHC ICCWG Chair, UK, welcomed all to the 6th ICCWG Meeting, and thanked the current ICC-Coordinator for the success from previous meetings.

2. Approval of Agenda

The SAIHC ICCWG Chair described the ICCWG Draft Agenda, he asked if there were any additional items required; there was no response, and the Agenda was approved.

3. Matters Arising from Minutes of 5th ICCWG

The SAIHC ICCWG Chair then discussed matters arising from the Minutes of the 5th ICCWG Meeting, which included a review of the actions, as follows:

Serial No	Subject	Action	Remarks
ICCWG 5 - 1	<i>In the case where another organisation conducts a survey on behalf of the coastal state, it is important to make the survey data available to the Primary Charting Authority in order to update charts for the area. The modalities of data sharing to be resolved bilaterally.</i>	SAIHC Member States	Ongoing - see 9 in Annex B

The SAIHC ICCWG Chair stated that this is an ongoing Action and asked for any updates, challenges or successes.

Mozambique, experienced problems with some companies in Mozambique, surveying but not providing the data; this is a big challenge, as it is difficult to get any information from the private companies, and asked what could be done to resolve this. Portugal stated that they have the same issues.

IHO Director, stated that this is a Standing Agenda Item, and mentioned bathymetry obtained for Continental shelf off Namibia, as this data has not been released.

The SAIHC ICCWG Chair commented on one of UK's PCA areas, where a National Oceanographic and Hydrographic Committee, is well established. This is the leading authority, looking at data governance, helping to expose data duplication and gaps in data, and help with the risk assessment and prioritisation.

Decision: Retain as an Ongoing Action, and append after the eight New Actions from ICCWG 6 as Action 9, in Annex B.

Action ICCWG 6 - 9: In the case where another organisation conducts a survey on behalf of the coastal state, it is important to make the survey data available to the Primary Charting Authority in order to update charts for the area. The modalities of data sharing to be resolved bilaterally.
Deadline: Ongoing.

Serial No	Subject	Action	Remarks
ICCWG 5 - 2	MZ as a co-producer of INT 7052 to submit relevant topographic information to ZA so the chart can be completed.	Mozambique.	Complete

Mozambique confirmed that they had been working together with South Africa, and the last update had been sent.

Decision: IHO Director confirmed that this Action is complete.

Serial No	Subject	Action	Remarks
ICCWG 5 - 3	UK co-producing chart of Approaches to Beira INT 7631 with MZ. New Chart limits are being discussed awaiting finalisation.	UK. Mozambique	Closed

UK confirmed that Mozambique are awaiting new surveys of the buoyage in this area, the limits have been agreed, and no agreed publication date as yet. The new limits have been put to S-11.

Decision: Item to be closed and included in the S-11 updates Action ICCWG 6 - 2.

Serial No	Subject	Action	Remarks
ICCWG 5 - 4	UK and MZ to discuss production of INT 7632.	UK. Mozambique.	Closed

Decision: Same as ICCWG 5 - 3, awaiting surveys of the buoyage. Item to be closed and included in the S-11 updates Action ICCWG 6 - 2.

Serial No	Subject	Action	Remarks
ICCWG 5 - 5	Production of INT 7581 Bay of Maputo. UK and MZ to agree on new limits, predict a completion date and establish if a new INT number will be required. This is to be forwarded to the chairman for inclusion in S11.	UK. Mozambique	Closed

The SAIHC Chair asked for clarification on whether the actions closed for Actions 3 - 5, were complete or part of normal business. The SAIHC ICCWG Chair confirmed that they were part of normal business awaiting the necessary data, and were stored and held correctly in S-11, as the limits had been agreed.

Decision: Same as ICCWG 5 - 3. Item to be closed and included in the S-11 updates Action ICCWG 6 - 2.

Serial No	Subject	Action	Remarks
ICCWG 5 - 6	<i>Copies of all new INT products must be made available to the ICCWG.</i>	India	Ongoing - see 10 in Annex B

IHO Director stated that India had supplied copies which had been passed to UKHO for comment.

Decision: Retain as an Ongoing Action, and append after the eight New Actions from ICCWG 6 as Action 10, in Annex B.

Action ICCWG 6 - 10: Copies of all new INT products must be made available to the ICCWG. Deadline: Ongoing.

Serial No	Subject	Action	Remarks
ICCWG 5 - 7	<i>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.</i>	SAIHC Member States	Ongoing - see 11 in Annex B

Mozambique indicated that this was due for completion in early 2018.

Decision: Retain as an Ongoing Action, and append after the eight New Actions from ICCWG 6 as Action 11, in Annex B.

Action ICCWG 6 - 11: 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. Deadline: Ongoing.

Serial No	Subject	Action	Remarks
ICCWG 5 - 8	<i>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 dates is end 2017.</i>	UK Portugal Mozambique	Ongoing - see 12 in Annex B

The SAIHC ICCWG Chair confirmed that this was awaiting new survey data, Mozambique indicated that this was due for completion by the end of 2017.

Decision: Retain as an Ongoing Action, and append after the eight New Actions from ICCWG 6 as Action 12, in Annex B.

Action ICCWG 6 - 12: 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. Deadline: Ongoing.

Serial No	Subject	Action	Remarks
ICCWG 5 - 9	<i>INT 7632 - ongoing discussions between UK, MZ and PT regarding new charting limits.</i>	UK Portugal Mozambique	Ongoing - see 13 in Annex B

Decision: Same as ICCWG 5 - 8. Retain as an Ongoing Action, and append after the eight New Actions from ICCWG 6 as Action 13, in Annex B.

Action ICCWG 6 - 13: INT 7632 - ongoing discussions between UK, MZ and PT regarding new charting limits. Deadline: Ongoing.

Serial No	Subject	Action	Remarks
ICCWG 5 - 10	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	Ongoing - see 14 in Annex B

Decision: Change UK to MZ/PT action. Retain as an Ongoing Action, and append after the eight New Actions from ICCWG 6 as Action 14, in Annex B.

Action ICCWG 6 - 14: INT 7645 – the Scheme has been proposed and is in progress. As soon as the limits have been established they are to be forwarded to the chairman for inclusion in S11. Deadline: Ongoing.

Serial No	Subject	Action	Remarks
ICCWG 5 - 11	INT 7671 - The UK request a new chart for the Port of Mtwara, Tanzania-Harbour chart and Approaches Chart. UK is to supply limits to the chair for inclusion in S11.	UK South Africa	Ongoing - see 15 in Annex B

UK confirmed that this is scheduled for publication this financial year, and has been included in INTToGIS.

IHO Director stated that the chart limits had not been included in INTToGIS. UK confirmed that INTToGIS would be updated with the new chart limits.

Decision: Retain as an Ongoing Action, and append after the eight New Actions from ICCWG 6 as Action 15, in Annex B.

Action ICCWG 6 - 15: INT 7671 - The UK request a new chart for the Port of Mtwara, Tanzania-Harbour chart and Approaches Chart. UK is to supply limits to the chair for inclusion in S11. Deadline: Ongoing.

Serial No	Subject	Action	Remarks
ICCWG 5 - 12	INT 7661 and INT 7662 – these are new charts which are a co-production between MZ and PT. These charts are the Approaches to Nacala and the Port of Nacala respectively. The limits and scales for these charts, as well as any other relevant data is to be forwarded to the chairman for inclusion in the S11.	Portugal Mozambique	Closed

Decision: Action Closed. New limits to be added to S-11.

Serial No	Subject	Action	Remarks
ICCWG 5 - 13	The chairman is to allocate INT numbers to the 6 charts submitted by Mauritius and forward these numbers to Mauritius.	Chair	Closed

Decision: Action Closed, as INT numbers provided.

Serial No	Subject	Action	Remarks
ICCWG 5 - 14	Chairman to update S11 and forward the updated/completed document to the IHB.	Chair	Closed

Decision: Action Closed, as superseded by online S-11 portal.

Serial No	Subject	Action	Remarks
ICCWG 5 - 15	SAIHC ENC Scheme needs to contain not only current ENC's but planned ones as well.	UK	Closed

Decision: Action Closed.

Serial No	Subject	Action	Remarks
ICCWG 5 - 16	The UK and IHB to collaborate on finalising the SAIHC ENC Scheme and to include producing nations in the content.	UK IHB	Completed

Decision: Action Completed.

Serial No	Subject	Action	Remarks
ICCWG 5 - 17	IC-ENC volunteered to collaborate with the UK on the SAIHC ENC scheme by sharing available metadata, from the IC-ENC database, to be included in the catalogue.	UK IC-ENC	Closed

Decision: Action Closed.

4. WEND-WG Actions

The SAIHC ICCWG Chair provided an update to the two WENDWG actions affecting SAIHC.

No.	Action	Target date	Status
WENDWG7/06	RHCs to consider the report made by the UK representative to the WENDWG-7 on ENC coverage	When RHCs meet	

Regarding ENC overlaps, there is one overlap with Russia and Australia. Further to WEND Chair raising this issue, the ICCWG Coordinator took an action to contact the countries involved.

Action ICCWG 6 - 4: ICC-WG Coordinator to contact Russia and Australia to resolve ENC overlap.
Deadline: Standing Item.

No.	Action	Target date	Status
WENDWG7/08 (former WENDWG6/06)	RHCs to define and adopt ENC Schemes (as it is done for INT Charts Schemes) and provide basic metadata to the IHB and IHO Sec. to consider including a layer of "Approved" ENC Schemes to the IHO ENC Catalogue or as an extension of the INT Web Chart Catalogue.	IRCC-9	

An ENC portal has been developed by IHO Secretariat, assisted by UKHO, this will be demonstrated by the IHO Secretariat later in the agenda.

5. S-11 - Region H Chart Scheme

The SAIHC ICCWG Chair presented the Region H scheme, and described the INTToGIS portal, containing both completed and planned work. 99 out of the 125 INT Charts in the SAIHC region have been produced so far.

The CB Coordinator presented the UKHO report for SAIHC ICCWG, which included the 2016 Action item progress, UKHO support to Mozambique charting, Tanzania charting update, Kenya charting update, Seychelles charting update, and the SAIHC ENC planning catalogue.

The ICC Coordinator highlighted the S-11 table for updates from the MS. Following discussion, it was decided that this would be circulated to all MS for review and update.

Action ICCWG 6 - 1: Resend S-11 region H table for all MS to update. Deadline: 30th November 2017.

Action ICCWG 6 - 2: MS to update S-11 Region H table. Deadline: 31st December 2017.

6. ENC Portal

The SAIHC ICCWG Chair thanked the IHO Secretariat for working on the ENC Portal.

The IHO Secretariat provided a demonstration of the ENC Portal, showing schemed INT charts and produced INT Charts, switching between layers of data, produced and planned ENCs, and comparing data in different usage bands.

SAIHC Chair commented that if we had an agreed ENC scheme for the region this is where it would be held.

Discussions took place to determine the minimum meta-data requirements and the prioritization of an area within the SAIHC region.

The SAIHC Chair noted the requirement for a mandatory field in the metadata for the actual coverage limits, and suggested that the ICCWG and Chair ICCWG work out of committee to develop an ENC scheme and make a proposal to deliver before the next IRCC meeting.

Decision: Send out link to ENC portal, for MS to report back any omissions or errors.

Action ICCWG 6 - 5: Provide link to ENC portal demonstrator to MS. Deadline: Ongoing.

Action ICCWG 6 - 6: Define minimum meta data required to support trial ENC scheme. Deadline: Ongoing.

Action ICCWG 6 - 7: Define scheme (building on portal demonstrator) from Mozambique to northern limit of SAIHC. Deadline: 31st December 2017.

7. Updating of the ICCWG Terms of Reference

The SAIHC ICCWG Chair proposed a minor amend to the TOR, in order to reflect the current IHO references following the acceptance of the protocol of amendments.

Decision: Minor amends to TOR to reflect the new IHO Secretariat construct throughout.

8. Date and Venue of next meeting

The SAIHC ICCWG Chair commented that the date and venue were determined by the Plenary meeting, (last week in August 2018 tbc).

The SAIHC ICCWG Chair highlighted the value in convening teleconference ahead of the main meeting, where there is an appropriate requirement.

9. Closure

The SAIHC ICCWG Chair closed the 6th ICCWG meeting.

2. SAIHC ACTIVITIES IN THE LIGHT OF THE IHO WORK PROGRAM

2.1. Actions arising from 6th ICCWG

The ICCWG Chair provided a brief overview, thanked the IHO Secretariat for the ENC Portal demonstration, and then presented a summary of the eight actions emanating from the 6th ICCWG Meeting, included in Annex B.

#	Action	Action owner	Deadline
1	Resend S-11 region H table for all MS to update.	ICC-Coordinator	31 October 2017

The ICCWG Chair confirmed that the ICC-Coordinator would send out the S-11 Region H table for all MS to update by the end of November 2017.

#	Action	Action owner	Deadline
2	MS to update S-11 Region H table	All MS	30 November 2017

The ICCWG Chair emphasised that MS were to update the S-11 Region H table within a month, end of November 2017.

#	Action	Action owner	Deadline
3	Allocate new INT number 77397 to India for IN 2527 (replaces existing INT 7737 (Mauritius))	ICC-Coordinator	31 October 2017

The ICCWG Chair noted India's absence, and referred to a letter received by the ICC-Coordinator in South Africa to allocate a new INT number for an INT chart that UK had produced in Mauritius. Following a brief discussion, in which the IHO Director had advised on a new INT Chart number, an action was captured for the ICC-Coordinator to forward the new INT number to India, by the end of October 2017.

#	Action	Action owner	Deadline
4	ICC-WG Coordinator to contact Russia and Australia to resolve ENC overlap	ICC-Coordinator	30 November 2017

The ICCWG Chair confirmed that this related to a WENDWG Action with the overlap between Russia and Australia to resolve, the ICC-Coordinator would contact the two countries on behalf of SAIHC, by the end of November 2017, to resolve the ENC overlap, in conjunction with the WEND Chair with the same action.

#	Action	Action owner	Deadline
5	Provide link to ENC portal demonstrator to MS	IHO Secretariat	30 November 2017

The ICCWG Chair confirmed the action for the IHO Secretariat to provide a link to the ENC Portal demonstrator to MS by the end of November 2017.

#	Action	Action owner	Deadline
6	Define minimum meta data required to support trial ENC scheme	ICC-Coordinator	Jan 2018

The ICCWG Chair referred to the discussion on the minimum metadata needed to support the trial ENC scheme, and suggested using the ENC Portal to identify any missing metadata.

#	Action	Action owner	Deadline
7	Noting actions from IRCC concerning the creation of ENC Schemes, ICCWG Chair to define an ENC scheme initially from Mozambique to northern limit of SAIHC	ICC-Coordinator	Feb 2018

The ICCWG Chair mentioned the suggestion of selecting an area with overlapping countries, PCA responsibility and CS action, so initial thoughts covered the area from Mozambique East to the northern limit of SAIHC.

The IHO Director, referred back to Action 7, and stated that we should not limit the scheme to the area of multiple producers it should be for the whole SAIHC region; to start with initial scheme by Feb 2018 with the aim to complete the whole scheme by the next SAIHC meeting.

#	Action	Action owner	Deadline
8	Suggested trial teleconference	ICC-Coordinator	Mar 2018

The ICCWG Chair suggested a mid-year teleconference, to improve attendance and involvement.

The SAIHC Chair stated that the teleconference was a great idea but must have a purpose and meaning.

The ICCWG Chair invited SAIHC to endorse and approve the actions, and stated that they would be documented within the SAIHC Minutes.

Decision: The SAIHC Chair confirmed that the actions were endorsed.