



INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC  
COMMISSION



**MACHC Integrated Chart Committee**  
**Wednesday, 11 July 2018 – Conference Call**

1. Commencement of Call:

a. Welcome & Introductions:

The Chair of the MICC, John Nyberg, opened the Conference Call at 10:00, identifying those who joined on WebEx and on phone communications. He thanked everyone for calling in this morning. This was followed with introductions of participants. The following Member States participated in the call:

- |                    |                   |
|--------------------|-------------------|
| i. Brazil          | v. United Kingdom |
| ii. Colombia       | vi. United States |
| iii. France        | vii. Venezuela    |
| iv. Mexico         | viii. IC-ENC      |
| v. The Netherlands |                   |

The full list of MICC Members is provided as Annex B.

b. Approval of the Agenda:

The Agenda was presented. No changes were suggested and the Agenda was accepted as proposed.

2. MICC Organization:

a. Approval of Minutes from the April 11 MICC Conference Call:

Erich Frey noted that the U.K. brought the fact that an Action from 2012 had dropped off the list of outstanding actions to our attention. Specifically, the action was **“Venezuela and U.K. to review the limits for INT 4102. Venezuela indicated that they are happy to work with the U.K. on this issue. Lee Truscott agreed to follow-up with Venezuela.”** This action has been reinserted into the Action List and will be addressed over the next few months.

b. Participants List:

Erich further indicated that there were also several corrections to the Participants List, specifically to their contact information. The updated MICC Participant List is provided as Annex B.

c. Administrative Actions:

There were no outstanding Administrative Actions.

3. INT Charts:

a. Review of INT Chart Actions:

The statuses of INT Chart Actions are as follows:

- i. Action 4.1: “U.K. and Venezuela examine these minutes to ensure that the stated activity is correctly recorded and inform Erich Frey accordingly” is **completed**.
- ii. Action 4.2: “Stephanie Vincent to check with Lee Truscott regarding the intent of the Suriname coverage” **remains outstanding**. It was noted that Lee Truscott sent the new chart limits to Suriname. It was further indicated that the Chart is in co-production between the U.K. and Suriname and suggested that INT 4910 be submitted for review. John Nyberg suggested that the entire scheme be submitted for approval at the MICC Meeting in Colombia. *[Regretfully, Lee Truscott was unable to join today’s Conference Call. However, since the Conference Call, we have been made aware that Lee Truscott is actively continuing to address this Action. Presumably, we will be closer to a definitive resolution by the next Conference Call.]*

**Action 7.1: Submit the INT Chart Scheme of the Suriname Coast to the MICC Meeting in Colombia for approval. (U.K./Suriname)**

- iii. Action 4.3: “John Nyberg to share the Marine Information Working Group Work Plan with the MICC” is **completed**. A further update is provided in Section 4, below.
- iv. Action 12: “Venezuela and U.K. to review limits for INT 4102. Venezuela indicated that they are happy to work with the U.K. on this issue. Lee Truscott agreed to follow-up with Venezuela” **remains outstanding**. Daniel Rojas indicated that Venezuela is working on this issue. John Nyberg asked if this could be resolved at the Colombia Meeting. *[This is the Action which was inadvertently dropped from the Action List.]*

b. INT Chart Coordinator:

John Nyberg noted that Ricardo Freire has assumed the role of INT Chart Coordinator for the MACHC. There was nothing further to report on this topic.

c. Updates to Current INT Chart Coverage:

This topic was not further elaborated.

4. GGIM:

John Nyberg indicated that there were two meetings. One on maritime boundaries and the other on the progress of the Marine Geospatial Information Working Group. John added that there will be a report at the United Nations in August 2018. He also indicated that one face-to-face meeting has been scheduled for Busan, South Korea. Finally, John indicated that he would forward the report to the group.

**Action 7.2: John Nyberg to forward the UNGGIM Marine Information Report with MICC Participants. (John Nyberg)** The following link provides relevant documents:  
<http://ggim.un.org/meetings/GGIM-committee/8th-Session/documents/>

5. Electronic Charts:

a. Review of Electronic Chart Actions

There were no outstanding Electronic Chart Actions.

b. MACHC ENC Schemes

Jesse Murphy reported that there were no updates/changes to the MACHC ENC Scheme since the last Call in April. John Nyberg suggested that we plan to include updates/statuses of the Orinoco River project by Venezuela and the St. Vincent ENC activity by the U.K. in the MICC Report to the MACHC Plenary in Colombia. John further asked that Jesse Murphy be informed of any progress on coverage of the above efforts.

**Action 7.3a: Venezuela to provide progress update of the Orinoco River Project to Jesse Murphy for inclusion in the MICC Report. (Daniel Rojas-Venezuela)**

**Action 7.3b: United Kingdom to provide progress update of the St. Vincent ENC Project to Jesse Murphy for inclusion in the MICC Report. (Stephanie Vincent-United Kingdom)**

c. Ports Analysis Update

Jesse Murphy reported that there were no updates/changes to the Ports Analysis Effort, and thus, was not further elaborated.

d. Updates to Gap Analysis

Issues on gaps were already discussed under Item 5-b. above.

e. Updates/Resolutions on Overlaps

IC-ENC provided an "Overlap Report" which was referenced. Jesse Murphy added that the U.S. had an update on the U.S.-Mexico overlap in the Gulf of Mexico, which will be resolved shortly. The Netherlands indicated that there is a rescheming effort in effect for the Antilles. John Nyberg added that this would be a good point to make in the MICC Report to MACHC Plenary.

Leonardo Tun, indicated that Mexico also has some revisions as well and will provide further details.

**Action 7.4: Mexico to provide further details on their planned ENC revisions. (Leonardo Tun-Mexico)**

John Nyberg noted a minor overlap issue with 2 GB Cells. Stephanie Vincent responded that she will take action on this overlap.

**Action 7.5: U.K to take appropriate action on the minor overlap involving the 2 GB Cells, noted above. (Stephanie Vincent-United Kingdom)**

Stephanie Vincent also noted the new Mexican Cells on the Pacific Coast and indicated that the U.K. will withdraw their cells.

f. ENC On-Line

John Nyberg introduced the topic of ENC On-Line, noting that the Netherlands had suggested more frequent updates. It was suggested that this idea would be further discussed at the November Meeting. John asked IC-ENC to send the updated package in October in preparation for the November Meeting.

At this point John asked Vincent Lamarre (France) to introduce his suggestion for the newly introduced “ENC Scheme”, as stated in the updated S-11, and how the MACHC may want to proceed. Vincent also made note of the new PRIMAR Overlap and Consistency Checker, available via the PRIMAR Portal (See WENDWG8-04.1B3c1&2 for more detail at:

[https://www.iho.int/mtg\\_docs/com\\_wg/WEND/WENDWG8/WENDWG8-](https://www.iho.int/mtg_docs/com_wg/WEND/WENDWG8/WENDWG8-04.1B3c1_PRIMAR%20RENC%20Overlap%20Checker.pdf)

[04.1B3c1\\_PRIMAR%20RENC%20Overlap%20Checker.pdf](https://www.iho.int/mtg_docs/com_wg/WEND/WENDWG8/WENDWG8-04.1B3c1_PRIMAR%20RENC%20Overlap%20Checker.pdf) and

[https://www.iho.int/mtg\\_docs/com\\_wg/WEND/WENDWG8/Overlap%20Checker%20and%20ENC%20Coverage\\_Rev1.pdf](https://www.iho.int/mtg_docs/com_wg/WEND/WENDWG8/Overlap%20Checker%20and%20ENC%20Coverage_Rev1.pdf).) and the coming on-line ENC Scheme management to

be implemented on the IHO INTOGIS Phase II portal. John Nyberg commented that the MACHC should align more with the IHO System. Vincent Lamarre added that the committee needs to work on how it wishes to put in place the management of this ENCs scheme, covering both cells already produced and planned cells, using available tools (MACHC ENC online viewer) or in development (INTOGIS Phase II).

**Action 7.6: France to provide follow-up information (via e mail) summarizing France’s thoughts on updating the MICC Terms of Reference, accordingly. (Vincent Lamarre-France)**

John Nyberg responded that we are willing to investigate adding “planned ENCs” to the viewer and to contact Yves Guillam (IHO) about that.

John Nyberg also added that in view of the comments by Vincent Lamarre, we should invite PRIMAR to the November meeting.

g. Updates to Arrangements with RENCS

IC-ENC reported that there were no further updates to the RENCS Membership. John Nyberg noted the IC-ENC Steering Committee meeting in Bristol in July and that he would be attending.

6. Other Business:

John Nyberg mentioned the MICC Meeting in November in Cartagena, Colombia.

Vincent Lamarre reminded the group of the PRIMAR tool and John Nyberg followed that by encouraging the use of this tool. Additionally, John suggested that perhaps we can run a demonstration of this tool sometime in the future.

7. Adjourn:

Finally, John thanked the group for their participation in today's conference call and for their contributions. Finally, John noted that our next call is scheduled for October 24, 2018.

## SUMMARY OF ACTIONS

## Annex A

<b>"New" General &amp; Administrative Actions</b> from the July 11, 2018 Conference Call			
#	Action	Who	Status
	<b>NONE</b>		

<b>New INT Chart Actions</b> from the April 11, 2018 Conference Call			
#	Action	Who	Status
7.1	Submit the INT Chart Scheme of the Suriname Coast to the MICC Meeting in Colombia for approval.	U.K./Suriname	Oct 24
<b>Outstanding INT Chart Actions</b> from the April 11, 2018 Conference Call			
4.2	Stephanie Vincent to check with Lee Truscott regarding the intent of the Suriname coverage.	Stephanie Vincent	<del>May 9</del> <b>On-going</b>
<b>INT CHART Actions carried forward from MICC Meeting (November 2012)</b> <i>[This is the Action which was inadvertently dropped from the Action List]</i>			
12	Venezuela and UK to review limits for INT 4102. Venezuela indicated that they are happy to work with the UK on this issue. Lee Truscott agreed to follow-up with Venezuela.	UK/Venezuela (Lee Truscott)	<b>On-going</b> <del>Jan 2016</del> <del>July 13</del> <del>Oct 12</del>

<b>New UN-GGIM Actions</b> from the July 11, 2018 Conference Call			
#	Action	Who	Status
7.2	John Nyberg to forward the UNGGIM Marine Information Report with MICC Participants. The following link provides relevant documents: <a href="http://ggim.un.org/meetings/GGIM-committee/8th-Session/documents/">http://ggim.un.org/meetings/GGIM-committee/8th-Session/documents/</a>	John Nyberg	Oct 24 <b>Completed</b>

<b>New ENC Actions</b> from the July 11, 2018 Conference Call			
7.3a	Venezuela to provide progress update of the Orinoco River Project to Jesse Murphy for inclusion in the MICC Report.	Daniel Rojas-Venezuela	Oct 24
7.3b	United Kingdom to provide progress update of the St. Vincent ENC Project to Jesse Murphy for inclusion in the MICC Report.	Stephanie Vincent United Kingdom	Oct 24
7.4	Mexico to provide further details on their planned ENC revisions.	Leonardo Tun-Mexico	Oct 24
7.5	U.K to take appropriate action on the minor overlap involving the 2 GB Cells.	Stephanie Vincent United Kingdom	Oct 24
7.6	France to provide follow-up information (via e mail) summarizing France's thoughts on updating the MICC Terms of Reference, accordingly.	Vincent Lamarre-France	Oct 24 <b>Completed</b>

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ANNEX C – WORK PLAN MILESTONES 2018

DELIVERY DATE (2018)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
Jan 1 – Feb 29	Member States to provide updates based on discussions, and consideration of the individual Ports Analysis presented at the Dec 14, 2016 MICC meeting on plans to address gaps in ENC coverage within their area.	Member States to provide updates based on discussions, and consideration of the individual Ports Reports presented at the Dec 14, 2016 MICC on plans.
March 9	In preparation for the quarterly Conference Call, Member States to provide updates to: <ul style="list-style-type: none"> <li>the list of available ENCs</li> <li>resolutions of any gaps/overlaps identified.</li> </ul>	In preparation for the quarterly Conference Call, Member States to forward INT Chart metadata and shapefiles for “planned” INT Charts. Member States to propose additional coverage/adjustments for S-11, section B
Mar 20-22	Represent MACHC at WEND WG	
April 11	Hold quarterly conference call to assess status and next steps.	
May 2	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
June 13	In preparation for the quarterly Conference Call, Member States to provide updates to: <ul style="list-style-type: none"> <li>the list of available ENCs</li> <li>resolutions of any gaps/overlaps identified.</li> </ul>	In preparation for the quarterly Conference Call, Member States to forward INT Chart metadata and shapefiles for “planned” INT Charts. Member States to propose additional coverage/adjustments for S-11, section B
July 11	Hold quarterly conference call to assess status and prepare information as needed for subsequent communication to IRCC and IHB.	
July 25	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
Aug 29	Investigate and/or track issues regarding consistencies and availability of ENCs and the corresponding INT (paper) Charts if problems persist.	
Sept 12		MS to forward S-11 updates to MICC technical coordinator for inclusion for Region B, S-11.
Sept 19		MICC technical coordinator to forward S-11 updates to IHB, to include Pacific INT scheme.

DELIVERY DATE (2018)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
Oct 10	In preparation for the quarterly Conference Call, Member States to provide updates to: <ul style="list-style-type: none"> <li>the list of available ENCs</li> <li>resolutions of any gaps/overlaps identified.</li> </ul>	In preparation for the quarterly Conference Call, Member States to forward INT Chart metadata and shapefiles for “planned” INT Charts. Member States to propose additional coverage/adjustments for S-11, section B
Oct 24	Hold quarterly follow-up conference call to update/review and discuss MS input in preparation of 16th MACHC.	
Nov 9	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
Nov 15	Provide all updates, to the Technical Coordinator for the MICC Report to 19 <sup>th</sup> MACHC.	
Dec 2018	Provide update on 2018 MICC activities/accomplishments	