



INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC  
COMMISSION



**MACHC Integrated Chart Committee**  
**Wednesday, 11 April 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. John also noted that it had been a while since our last communication and apologized for being unable to participate in the Cuba meeting in 2017. John further expressed gratitude to Paulo Matos (Brazil) for handling the MICC Meeting in Cuba. Finally, John noted that Lt. Cdr. Ricardo Freire (Brazil) has joined the group and will likely be taking Paulo's position on this Committee. 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. Participants List:

A number of changes/updates to the Participants List had been submitted prior to this Conference Call. One additional change was indicated by the United Kingdom requesting the removal of Paul Barrett and the addition of Lee Truscott. The updated MICC Participant List is provided as Annex B.

b. Approval of Minutes from 29 November 2017 MICC Meeting:

Minutes from the 29 November are not available. Hence no comments could be made. It is anticipated that the MACHC Plenary Meeting notes will be made available soon, which is expected to reflect MICC decisions/conclusions.

c. MICC Administrative Actions:

- i. Action 5.1: (The MICC Chair to develop an article for HYDRO-INTERNATIONAL and potential other publications on the MACHC ENC Online) **is on hold** and will be further elaborated under Agenda Item 4, below.

3. INT Charts:

a. Review of INT Chart Actions:

There were no outstanding INT Chart Actions.

b. INT Chart Coordinator:

John Nyberg stated that the MICC INT Chart Coordinator, Paulo Matos, is retiring in June and that Ricardo Freire will assume the role of INT Chart Coordinator for the MACHC. John further noted that Lt. Cdr. Freire's assumption of INT Chart Coordinator duties is a positive move and asked for the Committee's approval. Stephanie Vincent (U.K.) seconded this motion. It was further stated that Lt. Cdr. Freire has a Ph.D. in Ocean Engineering from the University of New Hampshire which will serve him well in this role. In addition, Colombia, France, Mexico, and The Netherlands expressed support for Lt. Cdr. Freire.

c. Updates to Current INT Chart Coverage:

John Nyberg introduced the Suriname INT Chart proposal, noting that the IHB was happy with the adjustment. *[Suriname was unable to join today's Conference Call.]* Stephanie Vincent (U.K.) added that the Suriname INT Chart scheme is approved and only the update to the catalog remains outstanding. Daniel Rojas (Venezuela) indicated that the previous problem had been resolved and agreed to make the associated adjustments to Venezuelan scheme, which is pending approval by the Commission. Stephanie Vincent (U.K.) indicated that Lee Truscott (U.K.) and Daniel Rojas (Venezuela) are working on this. John Nyberg asked that the U.K. and Venezuela examine these minutes to ensure that the stated activity is correctly recorded.

**Action 4.1: U.K. and Venezuela examine these minutes to ensure that the stated activity regarding the INT Chart scheme is correctly recorded and inform Erich Frey. (U.K./Venezuela)**

*[Subsequent to the meeting, the U.K. brought the following Action from 2012 to our attention which had dropped off the list and appears to remain outstanding. 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 appears to have been confused with the Surinam action. It was however noted that Daniel Rojas has received a proposed solution and that Venezuela has submitted proposals for approval]*

John Nyberg commented that it was assumed that the aim was to adjust the coverage so that Suriname would be covered by just one INT Chart. Stephanie Vincent (U.K.) indicated that she would check with Lee Truscott regarding the intent of the Suriname coverage.

**Action 4.2: Stephanie Vincent to check with Lee Truscott regarding the intent of the Suriname INT Chart coverage. (Stephanie Vincent)**

4. GGIM:

John Nyberg updated the MICC on the United Nations Geospatial Information Working Group and that a Working Group on Marine Information, under the chairmanship of John Nyberg, has been established. John added that thirteen people were in attendance, who developed and agreed on a Work Plan. Finally, John added that he would share the Work Plan with this Committee.

**Action 4.3: John Nyberg to share the Marine Information Working Group Work Plan with the MICC. (John Nyberg)**

John further indicated that everyone should be aware of both the Marine Geospatial Information and the Capacity Development Activity within the United Nations' efforts. GGIM also has regional Commissions, one of which is of the "Americas" and chaired by Mexico. Further, if anyone is interested in Capacity Building activities they should contact Chile (Hugo Gorziglia). Further, anyone interested in participation of the Marine Information Working Group should contact their respective GGIM representative. Anyone desiring more information may contact John Nyberg at [John.Nyberg@noaa.gov](mailto:John.Nyberg@noaa.gov).

5. Electronic Charts:

a. Review of Electronic Chart Actions:

- i. Action 11.2: (Mexico to re-examine the priority ports list with the goal to removing those not supported by the data.) is **completed**.
- ii. Action 8.4: (Venezuela to provide a summary update on the Orinoco River Project to MACHC in December.) is **completed**
- iii. Action 8.5: (MICC Chair to provide additional information on the "Sustainable Development Goal in the Caribbean" Meeting in January 2018.) is **completed**.

b. Ports Analysis Update

Stephanie Vincent (U.K.) indicated that there is an update for a new cell by the UKHO of Anguilla.

Jesse Murphy (U.S.) indicated that there were no updates to the Ports List. Jesse further noted the proposal submitted to the U.S. by Mexico, resulting in a cut of the U.S. Band 2 cell. However the Mexican coverage is not yet available resulting in a gap in coverage. Leonardo Tun (Mexico) responded that the Mexican cells are expected to be released by the end of the week. Dan Garrett (IC-ENC) added that he welcomed the new ENCs. Dan also had asked Sean Legeer (U.S.) to make adjustments to cover the aforementioned gap. However it was decided that due to the imminent release of the Mexican cells, this

will no longer be necessary. Stephanie Vincent (U.K.) added that the U.K. will withdraw the U.K. cell as promised.

Dan Garret (IC-ENC) noted that he had provided an “overlap” report in a spreadsheet format. *[This report is provided on the MICC website at: [https://www.ihomachc.org/documents/micc\\_doc.html](https://www.ihomachc.org/documents/micc_doc.html).]*

John Nyberg thanked IC-ENC for this report and their support for all MICC activities. John also added that the MACHC looked very good at WEND and thanked all those involved.

c. Update to Gaps Analysis

Daniel Rojas (Venezuela) elaborated on the Orinoco River project of 24 planned cells. Daniel indicated that 12 Band 4 cells have been submitted for evaluation. Dan Garrett (IC-ENC) noted that they have received those cells.

Stephanie Vincent (UK) added that the U.K. has 4 new charts and 2 new editions in St. Vincent and the Grenadines. Stephanie further added that 4 more charts remain to be published. John Nyberg reminded everyone to send all updates to Jesse Murphy at [Jesse.Murphy@noaa.gov](mailto:Jesse.Murphy@noaa.gov).

d. Updates/resolution of overlaps in ENC coverage

This topic was covered in Agenda Item 5b, above.

e. ENC On-Line

John Nyberg noted that there were no updates to ENC On-Line since it was last updated just prior to the MACHC Meeting in December. Plans are to update ENC On-Line once per year prior the MACHC Plenary.

f. Updates on Arrangements with RENCs

Dan Garrett (IC-ENC) indicated that there were no updates on arrangements with RENCs and this topic was not further discussed.

6. Other Business:

Jan Schaap (Netherlands) commented that perhaps GGIM activities may be more appropriately handled within the MEIP group of MACHC. John responded that he is already significantly involved with GGIM matters.

Dan Garrett (IC-ENC) asked that Mike Hawes is retiring and should be removed from the Participants List.

Vincent Lamarre (France) questioned the purpose of the MEIP noting that France is not fully convinced for the reason of its purpose/existence.

Jim Rogers (U.S. and MEIP Chair) explained the difficulties of not having a vice chair and explained the problems of the situation where the Chair of the MEIP could not attend the Meeting in Cuba.

7. Adjourn:

The Conference Call adjourned approximately at 11:00 EDT. The next MICC Conference Call is scheduled for July 11, 2018.

## SUMMARY OF ACTIONS

## Annex A

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

<b>New INT Chart Actions</b> from the April 11, 2018 Conference Call			
#	Action	Who	Status
4.1	U.K. and Venezuela examine these minutes to ensure that the stated activity is correctly recorded and inform Erich Frey accordingly.	UK/Venezuela	April 30
4.2	Stephanie Vincent to check with Lee Truscott regarding the intent of the Suriname coverage.	Stephanie Vincent	May 9
4.3	John Nyberg to share the Marine Information Working Group Work Plan with the MICC.	John Nyberg	May 9

<b>New ENC Actions</b> from the April 11, 2018 Conference Call			
#	Action	Who	Status
	NONE		

**Meso American & Caribbean Sea Hydrographic Commission**  
**MICC – Members**

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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.

<b>DELIVERY DATE (2018)</b>	<b>ACTIONS</b>	
	<b>Electronic Chart Activities</b>	<b>INT Chart Activities</b>
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 ENC's</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	