



**INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC  
COMMISSION**



**MACHC Integrated Chart Committee  
Wednesday, 10 July 2019 – Conference Call**

1. Commencement of Call:

a. Welcome & Introductions:

The Chair of the MICC, Bernice Mahabier, opened the Conference Call at 10:00, identifying those who joined on GoToMeeting. She had asked to wait for a couple minutes before commencing and thanked everyone for calling in this morning. This was followed with some instructions and functionality of this new chosen conference call software. The following Member States participated in the call:

- i. France
- ii. Mexico
- iii. IC-ENC
- iv. The Netherlands
- v. United Kingdom

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 of November 11 2018 Minutes:

There were no comments and the Minutes of the November Meeting were approved and are available at: [https://www.iho-machc.org/documents/micc/Minutes\\_Nov\\_28\\_2018.pdf](https://www.iho-machc.org/documents/micc/Minutes_Nov_28_2018.pdf)

b. MICC Membership update:

Bernice Mahabier stated that there were no changes to the MICC Membership at this time.

c. Administrative Actions:

MICC Chair Suriname as the MICC Chair: Bernice Mahabier gave special thanks to John Nyberg for the excellent work he had done over the years. She indicated that it is an honor to be able to serve as Chair of MICC and a very good opportunity for her to learn

from all the MICC team. Bernice stated that she looks forward to the support of the MICC team.

3. INT Charts:

a. Review of Actions:

The statuses of INT Chart Actions are as follows:

- i. Action 7.1: "Submit the INT Chart Scheme of the Suriname Coast to the MICC Meeting in Colombia for approval." is **completed**.

The MICC team had no other comments on the other charts. Bernice stated that there were no new requests received.

b. INT Chart Coordinator:

- Update on Suriname INT: The INT Chart Scheme of the Suriname Coast is approved as mentioned under item 3-a. above. Suriname INT is **completed**.
- France reported that 2 INT charts (INT nr. 4182 and 4184) had already been submitted.

c. Updates to Current INT Chart Coverage:

New Colombian INT Charts (5): Columbia was not present during this conference call. Bernice will check with Columbia for feedback regarding the new charts.

4. GGIM:

a. Review of Actions: This topic was not further elaborated.

b. UN-GGIM Activities Update: United States was not present during this conference call. Bernice Mahabier stated that John Nyberg attended the Geospatial Marine Information Working Group meeting. She will check with John for updates and activities. There was nothing further to report on this topic.

5. Electronic Charts:

a. Review of Electronic Chart Actions

Bernice asked IC-ENC for input on this matter. Graham Reeks from the IC-ENC reported the latest results on the validation. There were 6 overlaps resolved and 4 new overlaps identified from Mexico. He mentioned that there was a request about the IP data exchange from half yearly to quarterly yearly. Graham noted that IC-ENC is busy arranging the Technical Conference in Panama on the 21<sup>st</sup> and 22<sup>nd</sup> of October. The Conference will cover, in particular, the following topics: how the IC-ENC proceed with S101 Validation, best practice for producing and sharing High Density Charts, best use of Inland ENC, etc. Graham added that the IC-ENC Steering Committee meeting was being held in Cape town, South Africa and actions resulting from this meeting will be make known.

b. MACHC ENC Schemes

This topic was not further elaborated.

- c. Ports Analysis Update  
Bernice noted that there were caps identified, but she will contact relevant countries for more information. This topic was not further elaborated.
  - d. Updates to Gap Analysis  
There was nothing further to report on this topic.
  - e. Updates/Resolutions on Overlaps  
Updates/Resolutions on Overlaps were already discussed under Item 5-a. above.
  - f. ENC On-Line  
This topic was not further elaborated.
  - g. Updates to Arrangements with RENCs  
IC-ENC reported that there were no further updates to the RENCs Membership and they work close with PRIMAR so they are aware of each other activities.
  - h. Providing Regional CATZOC practices to the DQWG (IHO Report 19th MACHC)  
Bernice asked if the team had any contribution on CATZOC practices. IC-ENC responded that the S-58 practices are used and there is no further information. The Netherlands noted that the DQWG wants to make an inventory of how different HO's apply CATZOC information of their practices. This is a pending action for every member state.
  - i. Maintenance of ENC schemes when the INTOGIS Phase II is commissioned (IHO Report 19th MACHC)  
There was nothing further to report on this topic.
6. Encourage MACHC ENC Online participation:  
Bernice encouraged all the member states to add their ENC to the Online viewer and to make use of this tool.
7. Proposal for Standardization of regional ENC schemes:  
As already mention is Columbia not present, so Bernice Mahabier noted that she received an email from Columbia with the ENC scheme proposal. She commented that Columbia has some rescheming problems and asked the MICC members for their assistance in this matter if possible. France responded that for creating and sharing the ENC scheme it is known to be troublesome and difficult.
8. Any other Business:  
Lee Truscott from the United Kingdom shared their planned charts for the rest of this year:

969 RECIFE AND APPROACHES	May
598 Brazil East Coast - Portos de Vitoria	May
431 Brazil - Porto de Sepetiba and Approaches	June
3982 Brazil - Iiha do Avoredo to Tramandi	August

3983 Brazil - Tramandai to Barra do Rio Grande	August
3984 Brazil - Capao da Marca de For a to Cerro Po	August
461 Bahamas	September
868 Bermuda	December
1315 Bermuda	December
959 Belize	October
697 Dominican R	September
499 St Lucia	September
197 St Lucia	September
502 Barbados	September
2485 Barbados	September
Turks and Caicos x4 charts	October
CP0003 Panama Canal, South Gatun Lake	April
CP0004 Panama Canal, Gaillard Cut	April
359 Dos Bocas Terminal - Mexico	August
1797 Belize	August

Regarding the use of the new GoToMeeting software, Bernice asked the team if they had any comments on this software. The team responded positively and had no further comments on this.

9. Adjourn:

Finally, Bernice thanked the group for their participation in today's conference call and for their contributions. She noted that our next call is scheduled for October 2019.

## 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/GGIMcommittee/8th-Session/documents/">http://ggim.un.org/meetings/GGIMcommittee/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 RojasVenezuela	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 TunMexico	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 LamarreFrance	Oct 24 <b>Completed</b>

April 11, 2018

ANNEX B

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

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April 11, 2018

ANNEX B

Technical and Communications Support		
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Communications Support		





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 S11, 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 S11, 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.

MICC WG Proposed Workplan  
November 29, 2017

## Annex C

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 S11, 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	

