



INTERNATIONAL HYDROGRAPHIC ORGANIZATION
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC
COMMISSION



MACHC Integrated Chart Committee
Wednesday, 1 November 2017 – Conference Call

1. Commencement of Call:

a. Welcome & Introductions:

The Chair of the MICC, John Nyberg, opened the Conference Call at 10:00. He thanked everyone for calling in this morning, noting that this is the last call prior to the MACHC Conference. This was followed with introductions of participants. The following Member States participated in the call:

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

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:

No changes or updates to the MICC Participant List were provided. (See Annex B).

b. Approval of Minutes from 9 August Conference Call:

No further comments were noted and the Minutes of the August 9 MICC Conference Call were approved and are available at: https://www.iho-machc.org/documents/micc/Minutes_Aug_9_2017.pdf.

c. MICC Administrative Actions:

- i. Action 8.1: (The MICC Chair to share additional information on the UN-GGIM Proposal with Brazil along with the website information when it becomes available.) is **completed**.

[John Nyberg noted as to where we are with respect to the GGIM WG and that the group was approved and is working on a Work Plan. They are going through statements from Member States and noting those who expressed interest. John

further encouraged those interested to contact your National GGIM representative and request to be included. John added that the first teleconference will be in the spring 2018. Finally John Nyberg suggested that we add GGIM to the next MICC Agenda]

Action 11.1: Add GGIM to the next MICC Agenda. (Erich Frey)

- ii. Action 5.1: (The MICC Chair to develop an article for HYDRO-INTERNATIONAL and potential other publications on the MACHC ENC Online) **remains active**. [There has been no action to date due to other priorities. However John Nyberg has contacted HYDRO-INTERNATIONAL, who expressed interest. John also asked for anyone to volunteer to move this effort forward. Chris Thorne (UK) expressed support for this effort.]

3. INT Charts:

a. Review of INT Chart Actions:

- i. Action 8.2: (The MICC to add "Update on the coverage of INT 4191" to the agenda of the Nov 1 MICC Conference Call.) is **completed**. [Bernice Mahabier (Suriname) indicated that MAS has started production of this chart with the UKHO. It was further stated that Jesse Murphy (US) has entered the chart into the IHO catalog and that Paulo Matos (Brazil), the MACHC INT Chart Coordinator, has reviewed it.]

b. INT Chart Coordinator:

The INT Chart Coordinator was unable to participate today and consequently there were no further INT Chart updates.

c. Updates to Current INT Chart Coverage:

The Suriname INT Chart 4191 update was covered under Action 8.2, above.

4. Electronic Charts:

a. Review of Electronic Chart Actions:

- i. Action 8.3: (ALL MACHC Member States are to review and forward revisions and/or additions to the Ports List to Jesse Murphy by Nov 1, 2017) is **completed**.
- ii. Action 8.4: (Venezuela to provide a summary update on the Orinoco River Project to MACHC in December.) **remains active**. [John Nyberg indicated that the information on the Orinoco River project has been received and reiterated his request that Venezuela provide an update at the MACHC in December.]
- iii. Action 8.5: (MICC Chair to provide additional information on the "Sustainable Development Goal in the Caribbean" Meeting in January 2018.) **remains active**. [John Nyberg noted that he has not received anything further other than that there is a meeting in Jamaica in January. Bernice Mahabier (Suriname) suggested that each Member State include GGIM in their National Reports.]

John Nyberg endorsed this suggestion and further suggested that Leonardo Tun ask Member States to include GGIM in their presentation to the MACHC Plenary.]

- iv. Action 7.3: (IC-ENC and Mexico to engage in direct communication to address the overlap and ENC release of Mexican ENC's issue, noting the status and expected course of action and report to the next meeting) **is completed.**

b. Ports Analysis Update

Jesse Murphy indicated that there was a good response on this effort. Cuba provided information on several Band 4 and 5 cells which have been forwarded to IC-ENC for validation. Mexico provided updates on 8 cells. Venezuela provided information on 4 new cells and progress on the Orinoco River project. Jesse added that there are some Ports on the list which perhaps should be removed, as they appear to be outliers.

Leonardo Tun (Mexico) agreed and will take a closer look at some of those Ports in Mexican waters, since they do not appear to be a priority.

Action 11.2: Mexico to re-examine the priority ports list with the goal to removing those not supported by the data. (Leonardo Tun)

c. Update to Gaps Analysis

Stephanie Vincent (UK) added that the UK has Band 6 and 5 coverage of San Salvador and that they are also re-scheming coverage of St. Vincent and the Grenadines. Further, Stephanie added that she will put all the relevant information in an e mail. Jim Rogers (US) indicated that the U.S. Coast Guard has produced some charts and that he would provide further information.

Jan Schaap inquired as to why we would remove some ports from the list. John Nyberg explained that some areas were identified as ports due perhaps a vessel temporarily anchoring in an area, which may have appeared as a port but was not supported by follow up data.

d. ENC On-Line

John Nyberg asked everyone to provide their latest updates to Jesse Murphy by November 10. He further emphasized that we would like to have as much up-to-date information as possible for the MACHC Conference. Further, John requested that all Member States who are participating in ENC On-Line (Brazil, Colombia, Cuba, Mexico, Netherlands and U.S.) to provide updates. Although it was initially suggested that these Member States inform IC-ENC that their ENC On-Line data can be provided, Mike Hawes (IC-ENC) suggested that IC-ENC provide the updates from all those who have already agreed in the past.

e. Updates on Overlaps

Jesse Murphy noted one overlap between the U.S. and Mexico. This is expected to be resolved shortly.

f. Updates on Arrangements with RENCS

There were no indications that any changes occurred on arrangements with RENCS and this was not further discussed.

5. Other Business:

Prior to ending the call, the MICC Chair, John Nyberg noted that the U.S. will be unable to travel to Cuba and that he regrets seeing all of our colleagues. He added however that we will prepare the Agenda for the MICC Meeting, the MICC presentation to the MACHC Plenary and a Work Plan for 2018. Paulo Matos, the MICC Vice Chair will conduct the MICC Meeting in Cuba.

John noted the following highlights to note at the MACHC Conference:

- Progress on the Ports List
- Progress on the Orinoco River Project

Finally John asked all Member States to provide updates on anything you would like to highlight to Jesse Murphy by November 10. Additionally, John asked if anyone can identify new Members, who wish to be included in the ENC On-Line, to provide the relevant information to Jesse Murphy by November 10.

Action 11.3: All Member States to provide updates on anything they would like to highlight to Jesse Murphy by November 10. Additionally, anyone able to identify new Members, who wish to be included in the ENC On-Line, please provide the relevant information to Jesse Murphy by November 10. (All Member States)

6. Adjourn:

The Conference Call adjourned approximately at 11:00 EDT. The next MICC Meeting is scheduled for November 29, 2017 in Varadero, Cuba.

SUMMARY OF ACTIONS

Annex A

“New” General & Administrative Actions from the November 1, 2017 Conference Call			
#	Action	Who	Status
11.1	Add GGIM to the next MICC Agenda	Erich Frey	Nov 15
Outstanding General & Administrative Actions from the May 4, 2017 Conference Call			
5.1	The MICC Chair to develop an article for HYDRO-INTERNATIONAL and potential other publications on the MACHC ENC Online.	John Nyberg	Aug 2017 Nov 1 Continued

New INT Chart Actions from the August 9, 2017 Conference Call			
#	Action	Who	Status
	NONE		

New ENC Actions from the November 1, 2017 Conference Call			
#	Action	Who	Status
11.2	Mexico to re-examine the priority ports list with the goal to removing those not supported by the data.	Leonardo Tun	Nov 30
8.4	Venezuela to provide a summary update on the Orinoco River Project to MACHC in December.	Venezuela	Dec, 2017
8.5	MICC Chair to provide additional information on the “Sustainable Development Goal in the Caribbean” Meeting in January 2018.	John Nyberg	Nov 1 On-going
Outstanding ENC Actions from the August 9, 2017 Conference Call			
8.4	Venezuela to provide a summary update on the Orinoco River Project to MACHC in December.	Venezuela	Dec, 2017
8.5	MICC Chair to provide additional information on the “Sustainable Development Goal in the Caribbean” Meeting in January 2018.	John Nyberg	Nov 1

New Other Business Actions from the November 1, 2017 Conference Call			
#	Action	Who	Status
11.3	All Member States to provide updates on anything they would like to highlight to Jesse Murphy by November 10. Additionally, anyone able to identify new Members, who wish to be included in the ENC On-Line, please provide the relevant information to Jesse Murphy by November 10.	ALL MEMBER STATES	Nov 10

Meso American & Caribbean Sea Hydrographic Commission
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ANNEX B

Technical and Communications Support		
Title	Name	Email
Technical Coordinator, ECC	Jesse Murphy	Jesse.Murphy@noaa.gov
Communications Support	Erich Frey	erich.frey@noaa.gov

ANNEX C – WORK PLAN MILESTONES 2017

DELIVERY DATE (2017)	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"> the list of available ENCs resolutions of any gaps/overlaps identified. 	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
Jan 31-Feb 2	Represent MACHC at WEND WG	
April 5 May 4	Hold quarterly conference call to assess status and next steps.	
April 26 May 25	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
May 28 July 1	In preparation for the quarterly Conference Call, Member States to provide updates to: <ul style="list-style-type: none"> the list of available ENCs resolutions of any gaps/overlaps identified. 	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 12 Aug 9	Hold quarterly conference call to assess status and prepare information as needed for subsequent communication to IRCC and IHB.	
July 26 Aug 23	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
Aug 9 Sept 6	Investigate and/or track issues regarding consistencies and availability of ENCs and the corresponding INT (paper) Charts if problems persist.	
Aug 16 Sept 13		MS to forward S-11 updates to MICC technical coordinator for inclusion for Region B, S-11.
Aug 23 Sept 20		MICC technical coordinator to forward S-11 updates to IHB, to include Pacific INT scheme.

DELIVERY DATE (2017)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
Sep 21 Oct 11	In preparation for the quarterly Conference Call, Member States to provide updates to: <ul style="list-style-type: none"> the list of available ENCs resolutions of any gaps/overlaps identified. 	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 11 Nov 1	Hold quarterly follow-up conference call to update/review and discuss MS input in preparation of 16th MACHC.	
Nov 8	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 18 th MACHC.	
Dec 2017	Provide update on 2017 MICC activities/accomplishments	