



INTERNATIONAL HYDROGRAPHIC ORGANIZATION
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC
COMMISSION



MACHC Integrated Chart Committee
Thursday, 4 May 2017 – Conference Call

1. Commencement of Call:

a. Welcome & Introductions:

The Chair of the MICC, John Nyberg, thanked everyone for calling in this morning and expressed appreciation for everyone's understanding regarding the rescheduling. He then opened the Conference Call shortly after 10:00 with the introductions of participants. The following participated in the call:

- | | |
|---------------------------------|--------------------------|
| i. Paulo Matos (Brazil) | vi. Jesse Friedmann (US) |
| ii. Dagoberto David (Colombia) | vii. John Nyberg (US) |
| iii. Morgane Gaumet (France) | viii. Maria Cicci (US) |
| iv. Bernice Mahabier (Suriname) | ix. Erich Frey (US) |
| v. D A Rojas (Venezuela) | |

The full list of MICC Members is provided as Annex B. Although the Chair tried numerous times to establish contact with Cuba, the calls were dropped after about 30 seconds each time.

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:

There was no change to the MICC Participant List, (see Annex B).

b. Approval of Minutes from 14 December Meeting in Belem, Brazil:

There were no comments and the Minutes of the December Meeting were approved and are available at: http://www.iho-machc.org/documents/micc/Dec_2016_MICC_Minutes-Final%20DRAFT.pdf.

c. MICC Administrative Actions:

- i. Action 1.1: (Tech Coordinator to update gaps list using Port Analysis update) is **completed** and further elaborated in Section 4 of these notes.

- ii. Action 1.2: (Advertise MACHC ENC Online Links in HYDRO-INTERNATIONAL and other relevant publications and trade journals) is **completed**. John Nyberg contacted HYDRO-INTERNATIONAL and will work on an article as appropriate.

Action 5.1: The MICC Chair to develop an article for HYDRO-INTERNATIONAL and potential other publications on the MACHC ENC Online. (John Nyberg)

- iii. Action 1.3: (Netherlands requested collaboration with the Caribbean Marine Atlas) is **completed**. Jesse Friedmann contacted the Caribbean Marine Atlas and provided the web service links. Jesse further asked for other outreach opportunities to get more traffic on the ENC Online.
- iv. Action 1.4: (MICC Chair to provide updates on proposed GGIM Working Group) is **completed**. John Nyberg indicated that he has a draft Proposal submitted the UN. It will be circulated in June and presented at the August UN-GGIM meeting. John further encouraged all MICC Member States to participate in the UN-GGIM.

Action 5.2: The MICC Chair to circulate Proposal on GGIM and seek comments as well as identify the representatives from MICC Member States and possibly initiate a MACHC Circular Letter on this topic. (John Nyberg)

3. INT Charts:

a. Review of INT Chart Actions:

- i. Action 1.6: (The U.S. to set up phone call with UK, France, Suriname and INT Chart Coordinator. Suriname and UK to discuss first) is **completed**. Bernice Mahabier and Lee Truscott have had conversations and explored some options. Bernice indicated that France did not want to shift their coverage. There is no support to shift INT 4192 since the shifting of INT4191 addresses the scheme within the sub-region. John asked Bernice to provide the appropriate information to Paulo Matos. It was stated that this has already been done.
- ii. Action 1.7: (INT Coordinator will approve in the IHO online) is **completed**.
- iii. Action 1.8: (UK and Cuba to submit review to U.S. and U.S. will make changes and release in early 2017) Plans are to wait until the UK is able to respond.
- iv. Action 4.2: (The U.K. to forward their proposal to resolve the overlap issue between INT Charts 4025 and 4011 directly to Colombia for their consideration.) remains **on-going**. It was noted that this has been discussed and that INT 4025 has been submitted to Colombia for review. John Nyberg asked Colombia to pass the relevant information/adjustments to the INT Chart Coordinator, Paulo Matos.

Action 5.3: Colombia to provide relevant adjusted INT Chart limits to the INT Chart Coordinator, Paulo Matos. (Dagoberto David)

b. INT Chart Coordinator:

There were no further INT Chart updates.

c. Updates to Current INT Chart Coverage:

The Surinam INT Chart update was partially covered under Action 1.6, above. The resolution to INT 4025 was partially covered under Action 4.2, above.

4. Electronic Charts:

a. Review of Electronic Chart Actions:

- i. Action 1.5: (Advertise MACHC ENC Online links in HYDRO INTERNATIONAL and other relevant publications and trade journals) is **completed**.
- ii. Action 7.3: (IC-ENC and Mexico to engage in direct communication to address the overlap and ENC release of Mexican ENCs issue, noting the status and expected course of action and report to the next meeting) remains **on-going**. Mexico submitted a proposal to the U.S. to resolve the overlap. The U.S. accepted the proposal and will complete the necessary action to resolve the overlap. The U.S. will respond to Mexico soon.

Jesse Friedmann discussed the gaps list using the Ports Analysis update (Action 1.1), noting that at the December meeting it was agreed that the Cruise Ship data was to be added to the Ports List. She indicated that there were 252 Ports and that 64 Ports were identified as not having adequate coverage. Jesse added that this information will be on the ENC Online (<http://www.iho-machc.org/>) and that there will also be a table listing the Ports. She further emphasized that when the table is provided, it is critical that Member States verify the Ports' importance.

Action 5.4: Member States to verify the importance of their Ports listed in the table of Ports. (All MICC Member States)

John Nyberg added he hopes to be able to provide an update of the data and Ports with the acquisition of new AIS data. John also noted that IC-ENC is not on line today and therefore cannot provide a better update on gaps.

John added that there are no updates to ENC Online, but asked for further contributions. All Member States who have data on the MACHC ENC On-Line, are encouraged to provide updates to Jesse Friedmann at jesse.friedmann@noaa.gov.

Finally, it was noted that there are no updates to RENCs at this time.

5. Other Business:

Prior to ending the call, the MICC Chair noted that his dream is to have everyone to show up in New York for the UN-GGIM and to be able to have the next MICC (Conference Call) Meeting in conjunction with this event.

Also, it should be noted that the MICC Work Plan has been adjusted to reflect today's rescheduled Conference Call. The Work Plan will be available on the MACHC website at: http://www.iho-machc.org/documents/micc/MICC_Apr5_2017.html.

6. Adjourn:

The Conference Call adjourned approximately at 11:00 EDT. The next Conference Call is now scheduled for August 9, 2017

SUMMARY OF ACTIONS

Annex A

"New" General & Administrative Actions from the May 4, 2017 Conference Call			
#	Action	Who	Status
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
5.2	The MICC Chair to circulate Proposal on GGIM and seek comments as well as identify the representatives from MICC Member States and possibly initiate a MACHC Circular Letter on this topic.	John Nyberg	Jun 1, 2017

New INT Chart Actions from the May 4, 2017 Conference Call			
#	Action	Who	Status
5.3	Colombia to provide relevant adjusted INT Chart limits to the INT Chart Coordinator, Paulo Matos.	Colombia-Dagoberto David	Jun 1, 2017
Outstanding INT Chart Actions from December 14 2016 MICC Meeting			
1.8	UK and Cuba to submit review to U.S. and U.S. will make changes and release in early 2017.	UK and Cuba	April 2017
Outstanding INT Chart Actions from the April 6, 2016 MICC Conference Call			
4.2	The U.K. to forward their proposal to resolve the overlap issue between INT Charts 4025 and 4011 directly to Colombia for their consideration.	Stephanie Vincent/Lee Truscott	Oct 12 Dec 14, 2016 April 2017

New ENC Actions from the May 4, 2017 Conference Call			
#	Action	Who	Status
5.4	Member States to verify the importance of their Ports listed in the table of Ports.	All MICC Member States	Aug 2017
Outstanding ENC Actions from December 14 2016 MICC Meeting			
1.5	Advertise MACHC ENC-Online links in Hydro-International, and other relevant publications and trade journals.	John Nyberg	April 2017
Outstanding ENC Actions from July 13, 2016 MICC Conference Call			
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. MX submitted proposal to U.S. and U.S. to follow-up.	Jesse Friedmann/John Nyberg	April 2017

Meso American & Caribbean Sea Hydrographic Commission
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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	