



INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC  
COMMISSION



**MACHC Integrated Chart Committee**  
**Wednesday, 12 October 2016 – Conference Call**

1. Commencement of Call:

a. Welcome & Introductions:

The Chair of the MICC, John Nyberg, opened the Conference Call at 10:00 with the introductions of participants. The following participated in the call:

- |                                       |                             |
|---------------------------------------|-----------------------------|
| i. Cerqueira Ferreira Juarez (Brazil) | vii. Stephanie Vincent (UK) |
| ii. Dagoberto David (Colombia)        | viii. D A Rojas (Venezuela) |
| iii. Jan Schaap (Netherlands)         | ix. Jesse Friedmann (US)    |
| iv. Morgane Gaumet (France)           | x. John Nyberg (US)         |
| v. Leonardo Tun Humbert<br>(Mexico)   | xi. Maria Cicci (US)        |
| vi. Chris Thorne (UK)                 | xii. Erich Frey (US)        |
|                                       | xiii. Mike Hawes (IC-ENC)   |

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

b. Approval of the Agenda:

The Agenda was presented. No further 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 13 July Conference Call:

Jan Schaap had previously indicated that the phrase “pay as you play” in Section 3 of the July notes, should really be “pay as you sail”. This had been corrected prior to today’s Conference Call and no additional comments were received. There were no further comments and the Minutes of the 13 July call were approved and are provided at:

[http://www.iho-machc.org/documents/micc/Minutes\\_Jul\\_13\\_2016.pdf](http://www.iho-machc.org/documents/micc/Minutes_Jul_13_2016.pdf).

c. MICC Administrative Actions:

- i. Action 7.1: (The U.S. to forward the list of gaps (resulting from the Ports Analysis Coverage Project) to the WEND WG) is **completed** and is covered in Section 3 of these notes.

- ii. Action 7.2: (Dedicate time at the December MICC meeting to develop a timeline for completing ENC coverage of the identified ports) is not due until the December Meeting in Brazil.

3. Port Analysis:

John Nyberg introduced Jesse Friedmann, who covered the Ports List which was previously provided prior to the call. Jesse displayed the list and asked Members to review it for potential follow-up discussions in December. Jesse further noted that the yellow highlighted Ports are areas where ENC coverage needs to be addressed. This List will serve as the basis for further analysis and resolution at the December meeting. John asked all Member States for any feedback between now and the December meeting to be forwarded directly to Jesse at [Jesse.Friedmann@noaa.gov](mailto:Jesse.Friedmann@noaa.gov). Plans are to go through this list at the meeting and develop plans for resolving any gaps. This approach was agreed upon. John summarized the value of the Ports List and indicated that it will be a good part of the December discussions.

Thus, Action 7.1 is considered completed. The submission to the WEND Working Group on the approach to above task has been deferred until full agreement has been attained at the December meeting.

4. INT Charts:

a. Review of INT Chart Actions:

- i. 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**. Chris Thorne reported that the UK is working on a couple solutions and at this point going through internal reviews. Dagoberto David (Colombia) agreed to this approach. Stephanie Vincent (UK) confirmed that a proposal has been forwarded to Colombia and is now working on a second plan which hopefully will be more acceptable.
- ii. Action 12: (Venezuela and UK to review limits for INT 4102) remains **on-going**. Chris Thorne (UK) indicated that Lee Truscott is working on a re-scheme, which is in progress. D A Rojas (Venezuela) added that a meeting with the UKHO is scheduled after the December MACHC in Brazil. Chris Thorne added that hopes are to have an update in time for the meeting.

b. INT Chart Coordinator:

John Nyberg asked the group if anyone is interested in serving as the MACHC INT Chart Coordinator. John further asked Members to think about serving as the INT Chart Coordinator and be prepared to comment at the Meeting in December.

**Action 10.1: All Members to consider serving as the INT Chart Coordinator for MACHC and respond at the December Meeting. (All MICC Members)**

Chris Thorne complimented John and NOAA for all the work they have been doing. John Nyberg also asked if anyone would be interested in the position of the MICC Chair. If there is interest in serving in this capacity, please feel free to contact John for more information.

c. Updates to Current INT Chart Coverage:

John Nyberg indicated that no new INT Charts had been made available since the last meeting. John did add that NOAA is still working on the Chart covering the Bahamas, Cuba and Florida. John also noted the continuing difficulty in communicating with Cuba but will follow-up directly with Cuba after the call.

Stephanie Vincent (UK) noted that the UK is expected to have INT 8089 and INT 8088 (GB Charts 1021 and 1022) available in January 2017. *[A subsequent update notes that these charts will be published December 22, 2016]*

5. Electronic Charts:

a. Review of Electronic Chart Actions:

- i. 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) is **on-going and deferred until December**. Mexico expects to send a proposal to IC-ENC for resolution. John Nyberg requested an update at the December meeting.
- ii. Action 7.4: (All Member States who have data on the MACHC ENC On-Line, provide updates by mid-November to Jesse Friedmann at [jesse.friedmann@noaa.gov](mailto:jesse.friedmann@noaa.gov)) remains **active**, as it is not due until mid-November.

However John Nyberg asked that all Member States look at the MACHC website catalog file and the MACHC ENC On-Line and report any updates to Jesse. Brazil indicated that they would have all their data ready and updated for the December meeting.

Jan Schaap (Netherlands) asked for clarification on the forwarding of data for inclusion and whether the forwarding is actually done by IC-ENC. Mike Hawes confirmed this and added that the next IC-ENC update would be November 17.

- iii. Action 4.4 (France to get back to Anthony Klemm with further information on the Web Mapping Service available from France and the associated restrictions) is **closed**. It has been overtaken by new action 10.2.

John Nyberg indicated that he plans to follow-up and contact PRIMAR and Eric Langlois with an appropriate request for data.

**Action 10.2: MICC Chair to contact PRIMAR and Eric Langlois regarding a request for French data for use in ENC –On-Line. (John Nyberg)**

- iv. Action 12.3: (James Harper (IC-ENC) to track the overlap/release issue as it pertains to Mexican ENC's) has been incorporated into Action 7.3 and is considered **completed**.
- v. Action 4.4: (Venezuela to provide update on the progress of ENC development in the Orinoco River area) remains as **on-going**. **It was suggested that this be further discussed at the December meeting and that it be removed as an action, as it is redundant with standard Agenda Item "Updates/adjustments to Region B ENC scheme"**. D A Rojas added that there was some limited activity in the Orinoco River area.

b. ENC On-Line Update:

John Nyberg requested that all Member States that have data on ENC On-Line, or wish to add their data, please send it to Jesse Friedmann at [jesse.friedmann@noaa.gov](mailto:jesse.friedmann@noaa.gov) prior to the December meeting. This will allow the updates to be in place for the December MACHC Meeting.

c. Updates/adjustments to Region B ENC scheme

There were no updates and/or adjustments at this time. But John asked for any updates to be forwarded to Jesse Friedmann in sufficient time for the December Meeting.

d. Updates/resolution of overlaps in ENC coverage

This was not specifically discussed. However the MICC is relying on IC-ENC to alert the group of any overlap issues.

e. Updates to arrangements with RENCs

There was nothing to report on this topic.

6. Other Business:

John Nyberg asked Chris Thorne to speak on MEIP activities. Chris noted that the Working Group has developed an approach which will be distributed in approximately one week. Chris further asked participants to come prepared for discussion with ideas to move forward.

7. Adjourn:

The Conference Call adjourned approximately at 11:00 EDT. The next meeting is scheduled for December 14, 2016 in conjunction with the 17<sup>th</sup> MACHC in Brazil.

## SUMMARY OF ACTIONS

## Annex A

<b>General &amp; Administrative Actions</b> from July 13 2016 MICC Conference Call			
#	Action	Who	Status
7.2	Dedicate time at the MICC meeting to develop timelines for completing ENC coverage of the identified ports.	John Nyberg	Dec 14, 2016

<b>“New” INT Chart Actions</b> from October 12 2016 MICC Conference Call			
#	Action	Who	Status
10.1	All Members to consider serving as the INT Chart Coordinator for MACHC and respond at the Dec Mtg.	All MICC Members	December 2016
<b>INT Chart Actions</b> from 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	<del>July 13</del> <del>Oct 12</del> Dec 14, 2016
<b>INT Chart Actions</b> carried forward from MICC Meeting (November 2012)			
12	Venezuela and UK to review limits for INT 4102. Venezuela indicated that they are happy to work with the UK on this issue.	Venezuela, UK	<del>Jan 2016</del> July 13/Oct 12 Dec 14, 2016

<b>“New” ENC Actions</b> from October 12 2016 Conference Call			
#	Action	Who	Status
10.2	MICC Chair to contact PRIMAR and Eric Langlois regarding a French data for use in ENC On-Line.	John Nyberg	December 2016
<b>ENC Actions</b> from July 13 2016 Conference Call			
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.	James Harper/ Leonardo Tune Humberto	<del>Oct 2016</del> Dec 14, 2016
7.4	All Member States who have data on the MACHC ENC On-Line, to provide updates by mid-November to Jesse Friedmann at <a href="mailto:jesse.friedmann@noaa.gov">jesse.friedmann@noaa.gov</a> .	All Member States	Nov 15, 2016
<b>ENC Actions</b> carried forward from Oct 23 MICC Conference Call			
4.4	Venezuela to provide update on the progress of ENC development in the Orinoco River area. To be further discussed when Venezuela meets at the IC-ENC offices.	Venezuela	To be discussed at Dec meeting

**Meso American & Caribbean Sea Hydrographic Commission**  
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ANNEX C – WORK PLAN MILESTONES 2016

DELIVERY DATE (2016)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
Jan 1	Add IC-ENC as a regular Participant on all MICC Conference Call	
Jan 1 – Feb 29	Member States to provide updates based on discussions, and consideration of the individual Ports Reports presented at the Dec 9, 2015 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 9, 2015 MICC on plans to provide INT Chart metadata (as noted in S-11) for existing (available) INT Charts for use in GIS
March 9	In preparation for the quarterly Conference Call, Member States to provide updates to: the list of available ENCs resolution 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
March 6	Reach final resolution whether or not the MICC continues in any Risk Assessment.	
March 8 - 10	Represent MACHC at WEND WG	
April 6	Hold quarterly conference call to assess status and next steps.	
April 27	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
May 29	In preparation for the quarterly Conference Call, Member States to provide updates to: the list of available ENCs resolution 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 13	Hold quarterly conference call to assess status and prepare information as needed for subsequent communication to IRCC and IHB.	
July 27	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
Aug 10	Investigate and/or track issues regarding consistencies and availability of ENCs and the corresponding INT (paper) Charts if problems persist.	
Aug 17		MS to forward S-11 updates to MICC technical coordinator for inclusion for Region B, S-11.



DELIVERY DATE (2016)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
Aug 24		MICC technical coordinator to forward S-11 updates to IHB, to include Pacific INT scheme.
Sep 21	Provide outline of Report for review at the next Conference Call.	
Sep 21	In preparation for the quarterly Conference Call, Member States to provide updates to: the list of available ENCs resolution 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 12	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 6	Provide all updates, to the Technical Coordinator for the MICC Report to 17 <sup>th</sup> MACHC.	
Nov 23	All Members provide final comments on the Report to MICC Chair.	
Nov 30	Submit Final Report to MACHC.	
Dec 2015	Seek approval of Final Report at 16 <sup>th</sup> MACHC Meeting.	
Dec 31	MACHC Chair to distribute Final Report of the Status of ENC Coverage for the MACHC Region to the IRCC and IHB.	