



INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC  
COMMISSION



**MACHC Integrated Chart Committee**  
**Wednesday, 21 October 2015 – Conference Call**

1. Commencement of Call:

- a. Welcome & Introductions: The Chair of the MICC, John Nyberg, opened the Conference Call at 10:05 asking participants about the WebEx connectivity followed by introductions of participants. Participants included the following:

- |  |                                |
|--|--------------------------------|
| i. Jan Schaap (Netherlands)                | viii. Claire Bunyan (UK)       |
| ii. Dagoberto David (Colombia)             | ix. Paul Barrett (UK)          |
| iii. Olga Bonfante (Colombia)              | x. Willner Pino (Venezuela)    |
| iv. Eric Langlois (France)                 | xi. Anthony Klemm (US)         |
| v. Ricardo Lopez Cruz (Mexico)             | xii. John Nyberg (US)          |
| vi. Alexander Fonseca Cardenas<br>(Mexico) | xiii. Sladjana Maksimovic (US) |
| vii. Chris Thorne (UK)                     | xiv. Erich Frey (US)           |

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

- b. Approval of the Agenda:

No further changes were suggested and the Agenda was accepted as presented. John noted that attempts to connect with Cuba were not successful due to the unavailability of the Cuban point of contact.

2. MICC Organization:

- a. Participants List:

There were no comments regarding the Participants List. However it was noted that Claire Bunyan (UK) joined the Conference Call.

- b. Approval of Minutes from 1 July MICC Meeting:

Eric Langlois noted that the terminology in Action 7.6 referring to the “.000 files” should be replaced by “.000 information”. This will be corrected in the Minutes and Action List of the July 1 Minutes and re-posted on the MICC section of the MACHC Committees website at: [http://www.iho-machc.org/documents/micc/MICC\\_Oct21\\_2015.html](http://www.iho-machc.org/documents/micc/MICC_Oct21_2015.html).

**Action 10.1: Correct the Minutes of the July 1 Conference Call to reflect the revised corrected terminology in Action 7.6. (Erich Frey)**

With that noted, Venezuela supported acceptance of the previous Minutes.

Related to Action 7.6, referring to the .000 information, Chris Thorne inquired whether Venezuela had received the official request for this information. Willner Pino responded

that the request was received and is with higher authorities awaiting a response. As Chris Thorne will be visiting Venezuela in November, this will be further addressed at that time. It is anticipated that the information will be provided at the December MICC meeting.

c. MICC Administrative Actions:

The actions below were addressed as follows:

- i. Action 12.5 – (The US (NOAA) to develop a country by country list of Ports lacking large scale coverage) has been combined with Action 7.3 and is therefore considered **completed**.
- ii. Action 7.1 – (Update the MICC Participant List as noted in the July 1 Minutes) has been **completed**.
- iii. Action 7.2 – (The U.S. to prepare a one page draft proposal to establish a separate group to handle the Risk Assessment task and provide it before the next Conference Call) is **has been completed**. Participants were requested to provide comments and/or corrections to the proposal by Nov 6, 2015 in order to facilitate forwarding the proposal to the MACHC Plenary. (See Action 10.2 below.)
- iv. Action 7.3 – (The U.S. to distribute the Port Analysis Country Reports prior to the next meeting) is **in progress** and will be finalized by December 2015.

3. Risk Assessment Methodology:

Anthony Klemm introduced the Risk Assessment activities noting that it has become a significant undertaking and requires active participation by all stakeholders. In light of this, the MICC has suggested establishing a separate group to address what is anticipated to be a beneficial activity. At this point, Erich Frey introduced the proposal to establish this separate group within the MACHC. Since this is expected to be submitted to the MACHC Plenary, MICC participants were requested to review the document and provide comments and/or corrections by Nov 6, 2015.

**Action 10.2: All MICC participants to review the MICC proposal to establish an independent MACHC Risk Assessment Group and provide comments to Erich Frey by November 6, 2015. (All MICC Participants)**

Eric Langlois asked about the alignment between this MICC proposal and the results of MACHC Action 15.7.2.1 (UKHO to form a correspondence group in order to develop a risk management tool). Chris Thorne responded that Sam Harper made a good effort on the correspondence group but was unable to gain the additional needed support.

4. Port Analysis:

The Port Analysis study was addressed in Actions 12.5 and 7.3, above and was not further elaborated. Information on this activity will be added to the December 2015 MICC Report to the MACHC Plenary. John Nyberg added that plans are to use the Port Analysis as a basis

to determine gaps and that Anthony Klemm will note where each Member States' gaps exist.

5. INT Charts:

a. Review of INT Chart Actions:

- i. Action 12 – (Venezuela and UK to review limits for INT 4102) remains **on-going** with the due date changed to Jan 2016. This will be further discussed at the December MICC meeting. Willner Pino indicated that Venezuela intends to keep the limits as they are. It was noted that Paul Barrett will provide additional graphics for the December meeting.
- ii. Action 4.1 – (UK to contact Colombia regarding the overlap and paper size of INT Charts 4025 and 4011) continues as **on-going** and the due date has been moved to Jan 2016. Paul Barrett indicated that Stephanie Vincent has been working with some alternatives which will be presented at the December MICC meeting.
- iii. Action 7.4 – (Add discussion topic “Can National Chart coverage be accepted as satisfying INT Chart coverage” to the MICC Meeting Agenda) is **not due until December 2015**. It was also suggested that consideration of the IRCC proposed INT Chart Coordinator activities be added to the agenda.
- iv. Action 7.8 – (U.S. (NOAA) to investigate the possibility of placing a MACHC INT Chart catalog on the MACHC website) **will be revised**. John Nyberg indicated that instead of developing a separate MACHC catalog, we take advantage of the Korean/IHO effort which seeks to develop a world-wide INT Chart Catalog.

b. Updates to Current INT Chart Coverage:

John added that Anthony has been working on S-11 and is awaiting a new update by IHO. There was no further discussion on INT Chart Coverage.

6. Electronic Charts:

a. Review of Electronic Chart Actions:

- i. Action 4.4 – (Venezuela to provide update on the progress of ENC development in the Orinoco River area) is essentially the same as Action 7.5 and therefore considered **completed**. Willner Pino added that he will contact the Orinoco River authorities and provide an update in December.
- ii. Action 12.6 – (In coordination with MEIP, the US (NOAA) to investigate the development of a catalog for Region B and how ENC On-Line can support this effort) is **on-going**. John Nyberg added that more coverage is needed to make this a truly worthwhile effort.
- iii. Action 12.8 – (Conduct WEND survey among MACHC Members on RENC participation and/or availability and distribution of ENCs) is **on-going**. The scheduled due date is December 2015. John Nyberg added that the UK, Brazil, SHOM and NOAA have responded and encouraged all others to complete the survey by November 6. In addition, John indicated the existence of several different answers to the WEND survey from SHOM (most likely due to some

aborted replies), and asked them to provide the regional coordinator with the correct one.

**Action 10.3: All MICC participants to respond to the WEND survey by November 6, 2015. (All MICC Participants)**

- iv. Action 7.5 – (Venezuela to contact the Orinoco River authority to get a status on ENC compilation and report at the December MICC Meeting.) is **rescheduled to December 2015**.
- v. Action 7.6 – (U.K.to send official request to Venezuela and Colombia for their .000 information for use in ENC On-Line.) has been **completed**.
- vi. Action 7.7 – (U.S. (NOAA) to prepare the on line survey regarding RENCs and WEND.) has been **completed**.

Chris Thorne added that there is the ability to turn on/off different layers on the ENC On-Line catalog. Chris further asked for participants to go on line and practice. He also requested the .000 information from those who have not yet responded.

**Action 10.4: All MICC participants who have not yet responded to provide their .000 information for use on ENC On-Line. (All MICC Participants)**

7. MICC Report:

John Nyberg indicated that plans are to scale down the 2015 written report since much of the information is now available and more up-to-date on the web site. At this point Erich Frey presented the outline for the MICC Report to the MACHC Plenary. Erich indicated that this year's report would be a summary of activities and accomplishments over the past year. It would not repeat previous methodologies. Those will be available on the MACHC Committees website. It was also noted that a draft report will be made available for review by mid-November.

**Action 10.5: U.S. (NOAA) to prepare a draft MICC Report for review by Nov 15. (Erich Frey)**

Eric Langlois inquired if there will be anything in the Report about the IRCC action for INT Chart Coordinator tasks within the RHCs. John Nyberg indicated that this will be a matter of discussion at the December meeting. Additionally we need to have a greater discussion on the future of INT Charts. It was noted that something about an INT Chart Coordinator could be added to the report, but that it should be based on discussions in the December meeting. Eric Langlois added that this should target only "new" INT Chart producers and that any coordination with the release of ENCs will make the task more difficult.

8. Any Other Business:

Willner Pino noted that there are still some border issues with INT 4102. Anthony Klemm added that this area is a notable gap that could be resolved and that hopefully a resolution can be achieved.

9. Adjourn:

The Conference Call adjourned approximately at 11:15 EDT. The next communication will take place in conjunction with MACHC 16 on December 9, 2015 in Antigua.

<b>General and Administrative Chart Actions</b> carried forward from 1 July Conference Call			
#	Action	Who	Status
7.3	The U.S. to distribute the Port Analysis Country Reports prior to the next meeting.	Anthony Klemm	On-going Dec 2015
<b>New Administrative Chart Actions</b> carried forward from 21 October Conference Call			
10.1	Correct the Minutes of the July 1 Minutes to reflect the revised corrected terminology in Action 7.6.	Erich Frey	Completed
10.2	All MICC participants to review the MICC proposal to establish an independent MACHC Risk Assessment Group and provide comments to Erich Frey by November 6, 2015.	All MICC Participants	Nov 6

<b>INT Chart Actions</b> carried forward from MICC Meeting (November 2012)			
#	Action	Who	Status
12	Venezuela and UK to review limits for INT 4102.	Venezuela, UK	On-going Jan 2016
<b>INT Chart Actions</b> carried forward from Oct 23 MICC Conference Call			
4.1	UK to contact Colombia regarding the overlap and paper size of INT charts 4025 and 4011.	UK	On-going Jan 2016
<b>“NEW” INT Chart Actions</b> from 1 July Conference Call			
7.4	Add discussion topic “Can National Chart coverage be accepted as satisfying INT Chart coverage” to the MICC Meeting Agenda.	Erich Frey	Dec 2015
7.8	U.S. (NOAA) to investigate the possibility of making use of the Korea/IHO effort for developing a MACHC INT Chart catalog on the MACHC website.	John Nyberg/ Anthony Klemm	Dec 2015

<b>ENC Actions</b> carried forward from 10 December MICC Meeting			
#	Action	Who	Status
12.6	In coordination with MEIP, the US (NOAA) to investigate the development of a catalog for Region B and how ENC On-Line can support this effort.	John Nyberg/ Anthony Klemm	On-going
<b>ENC Actions</b> carried forward from 1 July 2015 Conference Call			
7.5	Venezuela to contact the Orinoco River authority to get a status on ENC compilation and report at the December MICC Meeting. (See also Action 4.4)	Venezuela	Dec 2015
<b>“NEW” ENC Actions</b> from 21 October 2015 Conference Call			
10.3	All MICC participants to respond to the WEND survey by November 6, 2015.	All Participants	Nov 6

## Annex of Actions

10.4	All MICC participants who have not yet responded to provide their .000 information for use on ENC On-Line.	All MICC Participants	Nov 6
10.5	U.S. (NOAA) to prepare a draft MICC Report for review by November 15.	Erich Frey	Nov 15

**Meso American & Caribbean Sea  
Hydrographic Commission  
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(as of October 21, 2015)**

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ANNEX C – WORK PLAN MILESTONES 2015

DELIVERY DATE (2015)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
January 31	Member States to provide updates based on discussions from the Dec 10, 2014 MICC meeting on plans to address gaps in ENC coverage within their area.	Member States to provide updates based on discussions at the Dec 10, 2014 MICC on plans to provide INT Chart metadata (as noted in S-11) for existing (available) INT Charts for use in GIS
March 6	In preparation for the quarterly Conference Call, Member States to provide updates to: <ul style="list-style-type: none"> <li>the list in Annex A of the Report of available ENCs</li> <li>resolution of any gaps/overlaps identified in Annex B of the Report.</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
March 6	Fully implement the newly proposed Port Analysis to determine adequate ENC coverage (Bands 4, 5, and 6) for Cruise Vessels. Investigate expanding to include other vessel types.	
<del>March 25</del> April 1	Hold quarterly conference call to assess status and next steps	
April 13	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
May 1	Based on MS, support of the Ports Analysis, schedule a meeting with CLIA to share results and attain CLIA confirmation of this list of Ports and/or potentially add or delete Ports.	
May 29	In preparation for the quarterly Conference Call, Member States to provide updates to: <ul style="list-style-type: none"> <li>the list in Annex A of the Report of available ENCs</li> <li>resolution of any gaps/overlaps identified in Annex B of the Report.</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 update to MICC
<del>June 17</del> July 1	Hold quarterly conference call to assess status and prepare information as needed for subsequent communication to IRCC and IHB.	
July 10	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
July 24	Investigate and provide results of investigation on the use of ENC On-Line for use in developing a MACHC Catalog. Work with MEIP on implementation.	
August 1		MS to forward S-11 updates to MICC technical coordinator for inclusion for Region B, S-11.
August 22		MICC technical coordinator to forward S-11 updates to IHB, to include Pacific INT scheme.

<b>DELIVERY DATE (2015)</b>	<b>ACTIONS</b>	
	<b>Electronic Chart Activities</b>	<b>INT Chart Activities</b>
September 25	Provide outline of Report for review at the next Conference Call.	
September 25	In preparation for the quarterly Conference Call, Member States to provide updates to: <ul style="list-style-type: none"> <li>the list in Annex A of the Report of available ENCs</li> <li>resolution of any gaps/overlaps identified in Annex B of the Report.</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 update to MICC
<del>October 7</del> October 21	Hold quarterly follow-up conference call to update/review and discuss MS input in preparation of 16th MACHC.	
November 6	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
November 6	Provide all updates to the Technical Coordinator for the Annexes of the Report.	
November 13	All Members provide final comments on the Report to MICC Chair.	
November 27	Submit Final Report to MACHC.	
Nov/Dec 2014	Seek approval of Final Report at 16 <sup>th</sup> MACHC Meeting.	
December 31	MACHC Chair to distribute Final Report of the Status of ENC Coverage for the MACHC Region to the IRCC and IHB.	