



INTERNATIONAL HYDROGRAPHIC ORGANIZATION
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC
COMMISSION



MACHC Integrated Chart Committee
Wednesday, 1 July 2015 – Conference Call

1. Commencement of Call:

a. Welcome & Introductions: The Chair of the MICC, John Nyberg, opened the Conference Call at 10:05 with introductions of participants. The following participated in the call:

- | | |
|---|-----------------------------|
| i. Jan Schaap (Netherlands) | viii. Paul Barrett (UK) |
| ii. Dagoberto David (Colombia) | ix. Jane Jones (UK) |
| iii. Pierre-Yves Le Moigne (France) | x. Willner Pino (Venezuela) |
| iv. Ricardo Lopez Cruz (Mexico) | xi. Anthony Klemm (US) |
| v. Francisco Javier Cabrera
(Mexico) | xii. John Nyberg (US) |
| vi. Chris Thorne (UK) | xiii. Jesse Friedman (US) |
| vii. Stephanie Vincent (UK) | xiv. Erich Frey (US) |

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 presented.

2. MICC Organization:

a. Participants List:

The UK provided updates to the participant list. Stephanie Vincent, Jane Jones and Chris Thorne were added, replacing Ian Spurway and Tim Lewis.

Action 7.1: Update the Participant List as noted. (Erich Frey)

b. Approval of Minutes from 1 July MICC Meeting:

As there were no additional comments on the previous minutes, they were approved with no further adjustments.

c. MICC Administrative Actions:

Before going through the actions, John Nyberg announced that he had received a message indicating that Freddy Delchot (Suriname) is retiring. The actions below were addressed under their respective Agenda Items as follows:

- i. Action 12.4- The US (NOAA) to schedule a meeting with CLIA to discuss the Port analysis has been **completed**.
- ii. Action 12.3- The US (NOAA) to develop a country by country list of Ports lacking large scale coverage is **on-going** and further discussed under Agenda Item 4.
- iii. Action 4.1- NOAA to send the minutes from December 10, 2014 MICC meeting to Leendert Dorst has been **completed**.
- iv. Action 4.2- Based on the working call with Sam Harper, determine whether the Risk Assessment activity should be moved to the MEIP or under a separate Working Group has been **completed**. (See also item 3, below.)

3. Risk Assessment Methodology:

Anthony Klemm addressed the Risk Assessment exercise and suggested that it be tasked to a separate group or team. This is a rather significant undertaking and may be more appropriately handled directly under the MACHC. Anthony further elaborated that based on discussions with Sam Harper and Leendert Dorst decided that Risk Assessment is really geared toward the regions and that a separate group (or team) be established under the MACHC to address this activity. John Nyberg noted that perhaps as a next step, a proposal be drafted and submitted to the next MACHC (Antigua). Jan Schaap supported this approach. Chris Thorne added that there needed to be an output from this work and we need to establish what will be done for Member States. It is very likely that some dedicated resources may be required. John Nyberg summarized that either a Member State or group of Member States put forward this suggestion at the next MACHC and asked if anyone would like to take the lead on this. Although no one volunteered for the lead, the U.S. and the U.K. will start drafting such a proposal with the assistance of Colombia and the Netherlands.

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. (Anthony Klemm/John Nyberg/Chris Thorne)

4. Port Analysis:

Anthony Klemm introduced the Cruise Ship Port Analysis by thanking the U.K. for their support on this effort. Anthony elaborated that 18 months of cruise ship data where Cruise Ships were going was analyzed and compared to the availability of Bands 4, 5, and 6 ENC coverage.

Anthony further noted that he has started drafting reports for each country. He added that plans are to work directly with Member States to build the required ENCs in order to provide adequate coverage. This will be an activity for the next meeting in Antigua. John Nyberg added that the analysis revealed that there are still some gaps and proposed that it be discussed and put into an agreed upon plan in order to resolve it. The U.K., France, Colombia, Venezuela and Mexico supported this approach. In order to determine the gaps, the country reports will be distributed prior to the next meeting.

Action 7.3: The U.S. to distribute the Port Analysis Country Reports prior to the next meeting.
(Anthony Klemm)

John Nyberg indicated that he will have all pertinent information in hand at the meeting in December. John further indicated that CLIA was invited (Action 12.4) to next MACHC and that he presented the Cruise Ship analysis to CLIA as well as to the WEND

5. INT Charts:

a. Review of INT Chart Actions:

- i. Action 12 (Venezuela and UK to review limits for INT 4102) remains **on-going** and the due date has been changed to Jan 2016. However, a resolution may be achievable, pending an upcoming U.K./Venezuela meeting. (However it was noted that Venezuela intends to keep the limits as they are. The U.K. has requested a technical meeting with Venezuela in November and hope to have a plan to resolve this issue by the December MACHC 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 Sep 2015. (The U.K. has proposed to discuss this further and hope to have a meeting in August. Colombia also has suggestions and is awaiting approval.)

b. Updates to Current INT Chart Coverage:

John Nyberg noted that compilation on INT 4149 has started and that the U.S. is working with Cuba for data as well as with the U.K.

Venezuela indicated that they would like to send a catalog to the Chair, MICC as well as the U.K. They further noted that they are updating all their ENC's and working closely with IC-ENC. John Nyberg added that we need to have a discussion on whether National Charts coverage might be acceptable as INT charts. Perhaps this should be discussed at the MICC meeting in Antigua.

Action 7.4: Add discussion topic "Can National Chart coverage be accepted as satisfying INT Chart coverage" to the MICC Meeting Agenda. (Erich Frey)

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) remains as **on-going**. Venezuela has nothing to report because they have a separate special office which handles the Orinoco River. They were working together on surveying projects, but this special office has responsibility for compiling ENC's. John Nyberg suggested that we discuss this further at the December meeting in the hope to get this off the action list. He further suggested that Venezuela contact the Orinoco River authority and provide an update in December.

Action 7.5: Venezuela to contact the Orinoco River authority to get a status on ENC compilation and report at the December MICC Meeting. (Venezuela)

- ii. Action 12.6 (In coordination with MEIP, the U.S. (NOAA) to investigate the development of a catalog for Region B and how ENC On-Line can support this effort) is **in progress**.
- 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.
- iv. Action 4.3 (The U.S. to provide a draft/sample invitation letter to the Chair, MACHC for possible use as a formal invitation to CLIA to attend the next MACHC) has been **completed**.
- v. Action 4.4 (MICC Members to review the WEND Questionnaire and provide feedback to the MICC Chair prior to the next Conference Call scheduled for June 17) has been **completed**.
- vi. Action 4.5 (The WEND Questionnaire to be distributed with the Minutes of the April 1, 2015 Conference Call) has been **completed**.
- vii. Action 4.6 (MICC Members to review the 2015 MICC Work Plan and provide feedback prior to the next Conference Call scheduled for June 17, 2015) has been **completed**.

John Nyberg noted that we are still looking for other Member States to contribute data in support of the ENC On-Line efforts. We have had positive responses from the U.S., U.K., Netherlands, Cuba and Mexico. Chris Thorne added that IC-ENC offered to facilitate this effort. He also noted that at present there are some access controls. Venezuela, France and Colombia were asked for updates on their data. All will check with the proper authorities. It was noted that we will need approval from the Member States to make the .000 files available. Venezuela requested an official request for the data. Colombia also made a similar request. Chris Thorne noted that he would handle that.

Action 7.6: Chris Thorne to send official request to Venezuela and Colombia for their .000 information for use on ENC On-Line. (Chris Thorne) [Completed Post Meeting]

France noted that they would like to participate, but do not want to provide the .000 files, but would provide the “wms” files. However another request to the proper authority will be made.

John Nyberg noted that the link to the ENC On-Line on the MACHC web page has changed. France inquired about an update plan for these ENCs. John responded that these are “not for navigation” and that any update plan would be up to the Member States and MACHC, but could generally be assumed to be once per year.

There were some issues with one of the Netherlands files and Jan Schaap asked if there is anything he could do to address any issues regarding the Netherlands data.

WEND Questionnaire: John Nyberg indicated that the intent is to conduct the questionnaire as an on-line version of the survey. He further indicated that he shared this questionnaire with WEND. There were no additional comments on the questionnaire; John suggested that since everyone is in agreement, he will prepare the on-line survey. (Colombia and Cuba had already responded to this survey.)

Action 7.7: U.S. (NOAA) to prepare the on-line survey regarding RENCs and WEND. (John Nyberg)

John Nyberg noted “Book Charts” of Haiti are being made available to the public on the MACHC website. These are NGA charts, but distributed by NOAA and can be accessed at: http://www.iho-machc.org/haiti_bookletcharts/haiti_bookletcharts.html.

7. Other Business:

Chris Thorne thanked the Chair, John Nyberg for handling these MICC issues. Venezuela asked about putting a MACHC INT Chart catalog on the website. John responded that he would investigate this possibility and provide a status update at the next Conference Call.

Action 7.8: U.S. (NOAA) to investigate the possibility of placing a MACHC INT Chart catalog on the MACHC website. (John Nyberg)

8. Adjourn:

The Conference Call adjourned approximately at 11:15 EDT. The next conference call is now scheduled for October 7, 2015.

General & Administrative Actions carried forward from 10 December 2014 MICC Meeting			
#	Action	Who	Status
12.5	The US (NOAA) to develop a country by country list of Ports lacking large scale coverage.	Anthony Klemm	On-going
“NEW” Administrative Chart Actions from 1 July Conference Call			
7.1	Update the MICC Participant List as noted in item 2 in these minutes.	Erich Frey	Completed
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.	Anthony Klemm/ John Nyberg/ Chris Thorne	Oct 7
7.3	The U.S. to distribute the Port Analysis Country Reports prior to the next meeting.	Anthony Klemm	Oct 7
INT Chart Actions 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
INT Chart Actions 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 Sep 2015
“NEW” INT Chart Actions 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 placing a MACHC INT Chart catalog on the MACHC website.	John Nyberg/ Anthony Klemm	Dec 2015
ENC Actions carried forward from Oct 23 MICC Conference Call			
#	Action	Who	Status
4.4	Venezuela to provide update on the progress of ENC development in the Orinoco River area.	Venezuela	On-going
ENC Actions carried forward from 10 December MICC Meeting			
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
12.8	Conduct WEND survey among MACHC Members on RENC participation and availability/distribution of ENCs	John Nyberg/ All MACHC MS	Dec 2015
“NEW” ENC Actions from 1 April 2015 Conference Call			
4.3	The U.S. to provide a draft/sample invitation letter to the Chair, MACHC for possible use as a formal invitation	Erich Frey	May 1

Annex of Actions

	to CLIA to attend the next MACHC. (See also Action 3.2)		
4.4	MICC Members to review the WEND Questionnaire and provide feedback to the MICC Chair prior to the next Conference Call scheduled for June 17.	All MICC Members	June 17
4.5	The WEND Questionnaire to be distributed with the Minutes of the April 1, 2015 Conference Call.	Erich Frey	Completed
4.6	MICC Members to review the 2015 MICC Work Plan and provide feedback prior to the next Conference Call scheduled for June 17, 2015.	All MICC Members	June 17
“NEW” ENC Actions 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
7.6	U.K.to send official request to Venezuela and Colombia for their .000 information for use in ENC On-Line.	Chris Thorne	Oct 7 Completed July 8
7.7	U.S. (NOAA) to prepare the on line survey regarding RENCs and WEND.	John Nyberg	Oct 7

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Hydrographic Commission
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(as of July 1, 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"> the list in Annex A of the Report of available ENCs resolution of any gaps/overlaps identified in Annex B of the Report. 	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.	
March 25 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"> the list in Annex A of the Report of available ENCs resolution of any gaps/overlaps identified in Annex B of the Report. 	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
June 17 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.

DELIVERY DATE (2015)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
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"> the list in Annex A of the Report of available ENCs resolution of any gaps/overlaps identified in Annex B of the Report. 	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
October 7	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 th 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.	