



INTERNATIONAL HYDROGRAPHIC ORGANIZATION
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC
COMMISSION



MACHC Integrated Chart Committee
Wednesday, 6 April 2016 – 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. John welcomed new participants Morgane Gaumet (France) and Lee Truscott (UK), as well as James Harper and Mike Hawes from IC-ENC. The following participated in the call:

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|-------------------------------|-----------------------------|
| i. Jan Schaap (Netherlands) | viii. Anthony Klemm (US) |
| ii. Morgane Gaumet (France) | ix. John Nyberg (US) |
| iii. Claire Bunyan (UK) | x. Jesse Friedmann (US) |
| iv. Stephanie Vincent (UK) | xi. Erich Frey (US) |
| v. Lee Truscott (UK) | xii. Maria Cicci (US) |
| vi. D A Rojas (Venezuela) | xiii. James Harper (IC-ENC) |
| vii. Willner Pino (Venezuela) | xiv. 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:

As noted in section 1, new participants included Morgane Gaumet (France), Lee Truscott (UK), James Harper and Mike Hawes (IC-ENC). John noted that the group also had the support of Maria Cicci (US), who joined the group. The updated list of MICC participants is provided in Annex B

b. Approval of Minutes from 9 December 2015 Meeting:

Comments from the 9 December meeting had previously been annotated and distributed. Since no additional comments were received, they were approved. The Minutes from the 9 December meeting are provided on the MACHC website at: http://www.iho-machc.org/documents/micc/MICC_Minutes_Dec_9_2015.pdf.

c. MICC Administrative Actions:

The actions below were addressed under their respective Agenda Items as follows:

- i. Action 12.1 The Chair, MICC will note the issue regarding Risk Assessment and incorporate it into the MICC Report to the December MACHC Plenary has been **completed**.

3. Risk Assessment:

John Nyberg introduced the topic of “Risk Assessment”, noting that this was extensively discussed at the December 2015 MICC meeting as well as in the MACHC Plenary. At the December meeting, it was noted that the extent of the MICC’s role in Risk Assessment would be limited to areas lacking in adequate ENC coverage. With that, the ENC On-Line website was demonstrated showing the coverage of available ENCs. This can be viewed at: <https://gis.charttools.noaa.gov/MACHC/MACHC%20ENCOOnline/>. John Nyberg asked everyone to look at the site and provide feedback.

Anthony Klemm added that the MICC’s focus is more of a charting risk assessment, rather than a broader hydrographic assessment. Anthony clarified that our approach is to evaluate ENC coverage for cruise ship ports, which will help prioritize those areas requiring coverage and subsequently track any progress to provide adequate ENC coverage.

4. Port Analysis:

John Nyberg introduced the Port Analysis project, noting that Anthony Klemm completed distribution of the country-by-country port listing. He also mentioned that the Cruise Lines International Association (CLIA) participated for the first time in the December 2015 MACHC. Additionally, CLIA has scheduled a follow-up meeting for the week of May 9 and that Carnival Cruise Lines would be in attendance. Finally John indicated that apparently, some Cruise Lines are having difficulty obtaining charts. James Harper added that there is a WEND action on data and asked about the NGA World Port Index and whether it is available in a digital file that can be manipulated.

John Nyberg suggested that the port data in the website may require evaluation and volunteered to take a closer look at this data.

Action 4.1: The U.S. to evaluate the port data currently in use on the website. (John Nyberg)

James Harper added that there is a need to update the Lloyd’s List and is glad to have the NGA list. John Nyberg noted that the port listing is just that: a listing and does not include traffic. It was further noted that we should use whatever WEND is using and not create a new listing. Finally, Anthony Klemm asked for more background information on the NGA World Port Index, perhaps a web link. The link was subsequently identified and can be found at:

http://msi.nga.mil/NGAPortal/MSI.portal?_nfpb=true&_pageLabel=msi_portal_page_62&_ubCode=0015.

5. INT Charts:

a. Review of INT Chart Actions:

- i. Action 12.2 (The MICC to gain approval of the Venezuelan scheme adjustment and provide IHB (S-11) the necessary updating information.) has been **completed**. The required information has been obtained and approved. Additionally the corrections have been forwarded to IHO for updating S-11.
- ii. Action 12 (Venezuela and UK to review limits for INT 4102) remains **on-going**. Venezuela added that they are working on this issue and are happy to assess the limits proposed by the UK. Lee Truscott added that he would follow up with Venezuela.
- iii. Action 4.1 (UK to contact Colombia regarding the overlap and paper size of INT Charts 4025 and 4011) continues as **on-going**. Stephanie Vincent made note of the recent U.K. proposal to address the overlap issue. But since Colombia did not participate in the Call, it was suggested that the UK forward this proposal directly to Colombia for their consideration. *[This Action was reformatted into a new Action 4.2, below]*

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. (Stephanie Vincent)

b. Updates to Current INT Chart Coverage:

John Nyberg noted that Colby Harmon (U.S.) will attend the NCWG meeting where the Roles and Responsibilities of the regional INT Chart Coordinators will be addressed.

c. INT Chart Catalog:

Anthony Klemm indicated that the INT Chart Catalog can be found at:

<http://chart.iho.int:8080/>. Anthony added that this catalog does have some functionality and suggested Member States check the Catalog to ensure that all their information is correct. He further indicated that corrections can be made easily and quickly and asked that any necessary adjustments be forwarded so that corrections can be addressed. Anthony also noted that any “new” INT Chart producer should send their product to the MICC Chair. Additionally, all new editions should be sent to the IHB.

d. Updates to Current Coverage:

John Nyberg indicated that the U.S. is working on an INT Chart with Cuba and thanked the UKHO for the data in that area. John added that this chart is expected by years end.

6. Electronic Charts:

a. Review of Electronic Chart Actions:

- i. Action 12.3 (James Harper (IC-ENC) to track the overlap/release issue as it pertains to Mexican ENC) remains as **on-going** until the next Conference Call in July. It was noted that 8 Mexican Band 2 cells are expected to be available by the end of the month. However there remain some “clipping” issues which need to be resolved.

- ii. Action 12.4 (MICC to add James Harper and Mike Hawes (IC-ENC) to future MICC Conference Calls) has been **completed**.
- iii. Action 12.5 (The U.S. (NOAA) to develop a MICC Work Plan for 2016) has been **completed**.
- iv. Action 4.4 (Venezuela to provide update on the progress of ENC development in the Orinoco River area) remains as **on-going**. Venezuela is trying to develop a solution to make ENCs in the future. James Harper added that Venezuela will be at the IC-ENC office and can further address this issue at that time.

John Nyberg opened the discussion of ENC On-Line, while Jesse Friedmann demonstrated its functions. John added that people are starting to use the “open” version of ENC On-Line and providing some useful feedback. The website can be found at: <https://gis.charttools.noaa.gov/MACHC/MACHC%20ENConline/>. It was also requested that consideration be given to providing the needed data for populating the ENC On-Line. James Harper asked if some statistics/comments on the website could be made available. John Nyberg responded that we could make statistics available.

Action 4.3: The U.S. to provide statistics on the uses of ENC On-Line. (John Nyberg)

John also noted that NOAA is working with ESRI to present a poster session at the Canadian Hydrographic Conference in May and the next UN-GGIM meeting. Jim Rogers indicated that this will likely also be a topic at the upcoming ICA Meeting.

Anthony Klemm informed the group that France has its own WMS service which creates an image tile service of their ENCs in the MACHC. However this service is not available for “outside” use and asked if there is a way to integrate the two viewers to make more data available. Morgane Gaumet responded that she would check into that issue. Anthony added that there appears to be a requirement of a license agreement. Morgane responded that she would check into that as well and get back to Anthony.

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. (Morgane Gaumet)

It was noted that a U.S.-Mexico overlap is expected as new Mexican ENCs are released. It is expected that these overlaps will be resolved through assistance from IC-ENC. It was noted that the U.S. stands ready to clip their ENCs as required. Anthony Klemm identified a gap north of Trinidad and is expecting an update from the UKHO.

James Harper noted the IC-ENC MOU with NOAA and that it is 2/3 of the way through the training scheme. John Nyberg indicated that NOAA is excited to be part of IC-ENC. John also inquired if there are any updates from PRIMAR. James responded that the RENCs put together a diagram on how data moves around and how they operate and how ENCs behave in an ECDIS. This information is available at: http://www.iho.int/mtg_docs/com_wg/WEND/WENDWG6/WENDWG6-04.1A2%20Part%20A%20-%20Report%20on%20scenarios%20and%20test%20cases%20on%20ECDIS_FINAL.pdf, and http://www.iho.int/mtg_docs/com_wg/WEND/WENDWG6/WENDWG6-04.1A2_Part_B.pdf.

7. Other Business:

Jim Rogers indicated that he would provide the link to the NGA World Port Index. *[The link is already noted in section 4 above.]*

Finally it was noted that Anthony Klemm will move to another position in June and it was requested that all information or technical communication be directed to Jesse Friedmann at Jesse.Friedmann@noaa.gov.

8. Adjourn:

The Conference Call adjourned approximately at 11:15 EDT. The next conference call is scheduled for July 13, 2016.

“New” General & Administrative Actions from April 6 2016 MICC Conference Call			
#	Action	Who	Status
4.0	NONE		

“New” INT Chart Actions from April 6 2016 MICC Conference Call			
#	Action	Who	Status
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	July 13
INT Chart Actions 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. Lee Truscott agreed to follow-up with Venezuela.	Venezuela, UK	On-going Jan 2016 July 13

“NEW” ENC Actions from April 6 2016 Meeting			
#	Action	Who	Status
4.1	The U.S. to evaluate the port data currently in use on the website.	John Nyberg	July 2016
4.3	The U.S. to provide statistics on the uses of ENC On-Line.	John Nyberg	July 2016
4.4	France to get back to Anthony Klemm with further information on the Web Mapping Service available from France and the associated restrictions.	Morgane Gaumet	July 2016
ENC Actions from December 9 2015 Meeting			
12.3	James Harper (IC-ENC) to track the overlap/release issue as it pertains to Mexican ENCs.	James Harper	April 2016 July 2016
ENC Actions 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	On-going

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 MICCC 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 MICCC 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 MICCC 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: <ul style="list-style-type: none"> 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 MICCC 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: <ul style="list-style-type: none"> 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 MICCC 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: <ul style="list-style-type: none"> 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 th 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 th 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.	