



INTERNATIONAL HYDROGRAPHIC ORGANIZATION
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC
COMMISSION



MACHC Integrated Chart Committee
Wednesday, 13 March 2013 – Conference Call

1. Welcome & Introductions: The Chair of the MICC, John Nyberg, opened the Conference Call with introductions and the identification of participants calling in. The following participants were on line:
 - a. Carlos Albuquerque (Brazil)
 - b. Olivier Parvillers (France)
 - c. Roberto Barras Solis (México)
 - d. Jan Schaap (Netherlands)
 - e. Ian Spurway (UK)
 - f. Leland Snyder (US)
 - g. John Nyberg (US)
 - h. Erich Frey (US)
 - i. Luis Pibernat (Venezuela)

2. Approval of the Agenda: As no further comments were made on the Agenda, it was accepted as presented.

3. MICC Organization:
 - a. Confirm Membership: Roberto Barras Solis (Mexico) was added to the Membership List. After the call, a request was made to add Eric Langlois (France) to the distribution list for documents/information.
 - b. Terms of Reference: There were two editorial revisions made in the title area of the Terms of Reference. The changes were accepted and approved without further action.
 - c. Approval of Minutes (from Nov 20 meeting in Guatemala): The minutes were approved with no further comments.
 - d. MICC Administrative Actions:
 - i. Action 20, (All countries to update the list of participants with MICC Technical Coordinator) was **completed**. *As this is an on-going, procedural activity, it is recommended that this be a “standard” Agenda item, and no longer be considered an on-going action.*
 - ii. Action 21, (Update TORs to replace “WG” with “Committee” and “MACCIWG” with “MICC”) is **completed**.
 - iii. Action 22, (MACHC Chair to communicate new representative, John Nyberg (US) to WEND WG) is **completed**.
 - iv. Action 23, (MICC to decide on new combined format for MICC report to MACHC) remains active. It is not due until 22 May and is **on-going**.

- v. Action 24, (MICC to provide IHB with briefing concerning Cuban ENC gaps. IHB will engage with Cuba at IMO-MSC and report back to the MACHC. MICC to continue to work with MACHC Chair, the IHO, and other channels toward improving communication with Cuba) has been **deferred**, as the communications with Cuba have been challenging. However the Bureau has been engaged to assist with communication and some limited information has been received recently, but needs further elaboration.
- vi. Action 25, (Access REMPEITC AIS and ship routes to assess regional chart coverage and survey adequacy and related navigation risk) has been **deferred**, to the 22 May Conference Call. Use of this data may be a possibility, but an agreement with the UN may be required to use the data for our purposes. The Committee noted that the data would be useful and the UK indicated that there might be a potential for an exchange.
- vii. Action 26, (Provide national response re: CL 51 to IHB) has been **completed**.
- viii. Action 27, (MICC to provide an updated report to 14th MACHC and MACHC Chair is invited to provide this report to the IHB as the region's contribution to global ENC and INT coverage so that it may be conveyed accordingly to the IMO) is **deferred**, as it is not due until the 14th MACHC.
- ix. Action 28, (MICC Technical Coordinator to update MACHC web site by linking to IHO MACHC site where documents for Commission meetings will be hosted. The NOAA website will serve as the archive site for past meeting documentation and Committee working documents) is **pending**, based on the approval of the Proposal on the web site by the full MACHC.
- x. Action 29, (Expand Work Plan to include review of WEND Principles Implementation Guidelines and Risk Assessment Framework, and explore GIS depiction of survey quality) is **pending**, based on the completion of the WEND WG of the draft and amplifying Annex. These documents have only been distributed to the WEND WG at this time. Hence further action is deferred until after the next WEND meeting.

4. Proposal to clarify the MACHC website: The Committee supported the Proposal and the MICC will ask the Chair, MACHC to distribute the Proposal to the full MACHC. Preliminary planning for the revised website is taking place and plans are to have a demonstration of the new site available for the 22 May Conference Call.

Action 2.1: MICC Chair to request the MACHC Chair to distribute the website Proposal to the full MACHC.

5. INT Charts:

a. Review of INT Chart Actions:

- i. Action 11 (MICC Technical Coordinator to look into adding ENC usage band column to INT Chart GIS) is **completed**. The Technical Coordinator has examined how adding ENC Usage Band information to the INT Chart GIS. The

conclusion was that everything should fit into UB1 and UB2, as there were very few large-scale INT Charts. Nevertheless, a new attribute column has been added to the INT Chart database.

- ii. Action 12 (Venezuela and UK to review limits for INT 4102) has been **deferred** until the 22 May Conference Call, as Venezuela was not able to communicate verbally.
- iii. Action 13 (Colombia and UK explore need to reduce major overlap between charts 4025 and 4011) has been **deferred** until the 22 May Conference Call. The UK indicated that they are looking at the Chart Scheme, but need to further communicate with the parties involved. *[Post-Meeting comments from, Colombia: Colombia suggests the overlap between INT 4025 and INT 4011 be reduced and recommends that the southern coordinates of INT 4011 be adjusted to 14° 42' N, reducing the overlap to 2°. It was also noted that UK Chart 1218 is at similar scale and area]*
- iv. Action 14 (MICC will explore possibilities for producing an on-line regional catalog that includes all national coverage in the MACHC region) is **on-going**. Member States need to agree on the method for handling this. The suggested initial approach is to provide links to Member States' site catalog. Member States' comments are as follows:
 - Brazil indicated that they have one catalog, but is not on-line. Brazil to get back with additional information.
 - France indicated that they did have a catalog on-line and will provide the url.
 - Netherlands indicated that they have a catalog in pdf format.

Action 2.2: All Member States to provide links and/or digital files of their catalogs by 1 May.

- v. Action 15 (Include INT charts in National Chart Catalogs according to S-4) is **on-going**.
- vi. Action 16 (Contact Cuba regarding transfer of charts from Cuba to France, UK, Mexico. It is unclear which charts other than 4149 are to be transferred and who will assume responsibility. France wishes to withdraw from consideration of additional coverage) is **completed/overtaken by events**. The IHB contacted Cuba, who indicated that they will build their own INT Charts. Cuba may ask for data from the UK.
- vii. Action 17 (Incorporate new INT Chart scheme, based on national coverage, for Mexico, Nicaragua and Colombia in the Pacific and Suriname, Venezuela and the US in the Caribbean. All countries are to provide limits and S-11 information to the MICC Technical Coordinator for update to the MICC GIS. The new scheme will be incorporated into the MICC GIS, reviewed by the MICC, and submitted to the CSPCWG and the IHO to change S-11) is **on-going (see Action 2.5)**. The

Technical Coordinator noted that at this time, individual Member States need to address their own coverage and the possible changes.

- viii. Action 18 (As National Charts are updated to meet S-4 standards, their status will be updated in S-11. National hydrographic offices are responsible to ensure that S-4 standards are properly applied to INT charts) is **completed**. It was noted that Member States need to get their S-11 updates to the Bureau by the end of the month. The U.S. indicated that the new U.S. INT Chart (INT4148 Tampa to Havana) is expected to be available next month. The UK offered assistance in reviewing the new INT Chart.
 - ix. Action 19 (Mexico to work with UK on the boundaries between the existing Mexican INT charts and UK charts in neighboring RHCs. Include Colombia and Nicaragua as necessary) is **deferred** until the 22 May Conference Call. The UK noted that further discussion with Mexico remains, but offered to allow Mexico to adopt the UK charts in the area. [*Post-Meeting comments from, Colombia: Colombia supports the amount of overlap between INT 4012 (MX) and INT 4025 (CO) at about 1.5°.*]
- b. Updates to Current INT Chart Coverage: There were no further updates at this time.
- i. The MICC Chair proposed that the new French chart of Clipperton Island, become an INT Chart. France responded with agreement on this proposal. There were no further INT Chart Scheme adjustments at this time.
 - ii. There were no further S-11 Updates at this time. It was noted that the MICC Chair will compile all of the changes and forward to IHB by 1 April.

Action 2.3: MICC Chair to provide S-11 updates to IHB by 1 April 2013.

6. Electronic Charts:

a. Review of Electronic Chart Actions:

- i. Action 1 (MICC to continue to monitor and update Region B ENC scheme for all Usage Bands, per the current workplan of MACHC MICC.) This is an **on-going activity**. [*As this is an on-going, procedural activity, it is recommended that this be a "standard" Agenda item, and no longer be considered an on-going action.*]
- ii. Action 2 (Continue to update resolution of overlaps and gaps as reflected in the ECC Regional Coverage Report Annex A and B) is an **on-going activity**. [*As this is an on-going, procedural activity, it is recommended that this be a "standard" Agenda item, and no longer be considered an on-going action.*]
- iii. Action 3 (UK will forward projected M_COVR for Charco Azul and Roatan to MICC Technical Coordinator for update to MICC GIS. Charts will be based on GB charts 503 and 2493) is **completed** and is further elaborated in the discussion of Annex B.
- iv. Action 4 (UK to provide update on anticipated production date of ENCs for Charco Azul and Roatan) is **completed**.

- v. Action 5 (Provide list of Cruise Line priority ports for the MACHC and other RHCs for consideration by respective charting groups) is **completed**.
 - vi. Action 6 (UK and Celebrity Cruises (cruise industry) to discuss alternate sources of survey data and how/if it can be applied to charting products in the Bahamas) is **initiated**. The UK indicated that they are being approached by other Cruise Lines.
 - vii. Action 7 (US to provide update on production of new ENC's in the Panama Canal) is **completed**. The Technical Coordinator noted that 4 ENC's are expected to be released in the April/May timeframe. The ENC's are produced by NGA and will have the "U1" designation. However they will be distributed by NOAA.
 - viii. Action 8 (In order to create the IHO worldwide ENC database, all ENC producers are encouraged to make their ENC's available to the RENC's, even if they are also distributed by different channels.) is **on-going**. *[As this is an on-going, procedural activity, it is recommended that this be a "standard" Agenda item, and no longer be considered an on-going action.]*
 - ix. Action 9 (If Member Countries are unable to complete their ENC coverage, the MACHC, in partnership with appropriate authorities, should consider options to address this situation, in accordance with the IMO ECDIS Requirements and WEND principles) is **on-going**. *[As this is an on-going, procedural activity, it is recommended that this be a "standard" Agenda item, and no longer be considered an on-going action.]*
 - x. Action 10 (If MACHC Member States are unwilling either to distribute ENC's or to have another country produce for them, the MACHC Chair will inform the Inter-Regional Coordinating Committee (IRCC). The IRCC will take appropriate action with the WEND Working Group, the IHB, and IMO) is **on-going**. *[As this is an on-going, procedural activity, it is recommended that this be a "standard" Agenda item, and no longer be considered an on-going action.]*
- b. Annex A: There were no further updates to Annex A at this time.
- c. Annex B:
- i. Updates for addressing gaps in ENC coverage:
 - On the Suriname/French Guyana and Brazil issue, we are awaiting the new Brazilian ENC's. Brazil indicated that 2 new cells will be available in June.
 - On the Roatan and Charco Azul issue, 2 new ENC's and equivalent paper charts are planned for Roatan, and 3 new ENC's and equivalent paper charts for Charco Azul. The UK noted that they are working with Carnival Cruise Lines for data. The production schedule has not yet been confirmed, but may have a better handle on the schedule by the 22 May Conference Call.

- A number of pending gaps remain in Venezuelan waters. But Venezuela was not in voice communication for this call and hence no updates are available. The UK indicated that they have had recent communication with Venezuela and have received a number of Venezuelan large scale ENC's for validation, which look promising. Some inaccuracies, which need to be resolved, remain, especially in off-shore coverage.
 - For Half Moon Cay, the UK is working with Holland America Lines on a strategy to provide what is needed.
- ii. Updates for eliminating overlaps in ENC coverage.
- The Colombia-Venezuela overlap has been resolved in Guatemala, but the ENC cells have not yet been released. ***[Post-Meeting comments from, Colombia: Colombia indicated that CO300026 was made available in December 2012 and being distributed by IC-ENC.]***
 - A number of Cuban cells have been received in the UK, which may eventually create overlaps when released. But Cuba appears to be making good progress.
 - The US/Mexico overlap issue will be addressed as Mexico brings their cells on line. At that time, the US will need to resolve the new overlaps.
 - The Netherlands/Venezuela overlap is being addressed with the creation by the Netherlands of a UB3 cell as a temporary solution for Venezuelan coverage. The Netherlands cell will be withdrawn when the Venezuelan cell is released.

7. Review/Confirm Workplan: The Committee was asked for any suggestions for revisions to the Workplan for 2013. The group had no further comments. The Committee was reminded that we do have to think about the "new" Report to MACHC and how we might incorporate the INT Chart activities and forward all suggestion by the next Conference Call.

Action 2.4: All Member States to forward suggestions on how to handle the next Report to MACHC, which includes INT Chart activities.

8. CL 10 – Training Opportunities for Capacity Building in the UK. Member States were reminded of this Training Opportunity. This is a Japanese Capacity Building project conducted in the UK. The Chair encouraged Member States to apply in order to get MACHC representation.

9. Any Other Business:

- a. Dagoberto David (Colombia) has taken a new assignment in the UK, and will therefore no longer be active in the MICC. ***[Post-Meeting comments from, Colombia: Dagoberto David, our long-time representative and colleague has provided the following words: "I am writing this to inform you of my retirement from the position in the MICC WG for my new Assignment in the UK since July/2013. The SPO Jair Rodriguez JrodriguezAyala@dimar.mil.co will be the new interlocutor. For my years in this WG***

since 2009, it was very nice to work with enthusiastic and passionate people in the job and in the party. I enjoyed working with you. Forgive my bad ways. Thank you for all. I hope for its days (until 30 June) and since London (IMO) read the MICC papers and support when it will be necessary.]

- b. Ricardo Lopez (Mexico) provided information via e-mail on the following: on a
 - i. The Mexican Version of the INT-1 Pub. (2013 edition), is available on the Web Page "<http://digaohm.semar.gob.mx/hidrografia.html>"
 - ii. The First Mexican Hydrographic Conference is scheduled for June the 19-21, in Veracruz, Ver., México. All MACHC countries are invited.
 - iii. Training opportunities for capacity building in México, in Spanish, are available on line and on site.
- c. Olivier Parvillers (France) suggested that on graphics depictions, we include additional border charts that may extend beyond the MACHC to show how the schemes fit together.
- d. Olivier Parvillers (France) also suggested that Member States forward proposed INT Chart Schemes to the group for approval and/or opinions in the next two weeks.

Action 2.5: Member States forward proposed INT Chart Schemes for the Pacific side for approval by the group by 15 April.

Annex of Actions

SUMMARY OF ACTIONS

Actions carried forward from MACHC Conference (November 2012)			
#	Action	Who	Status
MICC – ENC Actions			
6	UK and Celebrity Cruises (cruise industry) to discuss alternate sources of survey data and how/if it can be applied to charting products in the Bahamas	UK and Celebrity Cruise Rep	Complete <i>This will be a standard Action item in the future, rather than an on-going action</i>
MICC – INT Chart Actions			
12	Venezuela and UK to review limits for INT 4102.	Venezuela, UK	May 22, 2013 or Until complete
13	Colombia and UK explore need to reduce major overlap between charts 4025 and 4011	Colombia, UK	May 22, 2013
14	MICC will explore possibilities for producing an on-line regional catalog that includes all national coverage in the MACHC region.	MICC Members	On-going
15	Include INT charts in National Chart Catalogs according to S-4	MICC Members	On-going
17	Incorporate new INT Chart scheme, based on national coverage, for Mexico, Nicaragua and Colombia in the Pacific and Suriname, Venezuela and the US in the Caribbean. All countries are to provide limits and S-11 information to the MICC Technical Coordinator for update to the MICC GIS. The new scheme will be incorporated into the MICC GIS, reviewed by the MICC, and submitted to the CSPCWG and the IHO to change S-11.	Mexico, Nicaragua, Colombia, Suriname, Venezuela, US, MICC Technical Coordinator	On-going till May 22, 2013
19	Mexico to work with UK on the boundaries between the existing Mexican INT charts and UK charts in neighboring RHCs. Include Colombia and Nicaragua as necessary.	MACHC MICC Member States	May 22, 2013
MICC – Administrative Actions			
23	MICC to decide on new combined format for MICC report to MACHC	MACHC MICC Member States	5/22/2013
24	MICC to provide IHB with briefing concerning Cuban ENC gaps. IHB will engage with Cuba at IMO-MSC and report back to the MACHC. MICC to continue to work with MACHC Chair, the IHO, and other channels toward improving communication with Cuba.	MICC Tech Coordinator, MICC Chair and IHO President	ASAP and ongoing
25	Access REMPEITC AIS and ship routes to assess regional chart coverage and survey adequacy and related navigation risk	MICC Chair	Deferred to 5/22/2013 Conf. Call
27	MICC to provide an updated report to 14th MACHC and MACHC Chair is invited to provide this report to the IHB as	MACHC MICC Member	14th MACHC meeting

Annex of Actions

	the region's contribution to global ENC and INT coverage so that it may be conveyed accordingly to the IMO.	States	
28	MICC Technical Coordinator to update MACHC web site by linking to IHO MACHC site where documents for Commission meetings will be hosted. The NOAA website will serve as the archive site for past meeting documentation and Committee working documents.	MICC Technical Coordinator	Ongoing – Pending approval of Proposal to full MACHC
29	Expand Work Plan to include review of WEND Principles Implementation Guidelines and Risk Assessment Framework, and explore GIS depiction of survey quality	MICC Coordinator and Vice-Coordinator	Pending outcome of the next WEND WG Meeting

“NEW” ACTIONS from 13 March Conference Call			
#	Action	Who	Status
MICC – Administrative Actions			
2.1	MICC Chair to request the MACHC Chair to distribute the website Proposal to the full MACHC.	MICC/MACHC Chairs	May 22, 2013
MICC – INT Chart Actions			
2.2	All Member States to provide links and/or digital files of their catalogs to Technical Coordinator by 1 May.	All Member States	May 1, 2013
2.3	Member States to provide S-11 updates to IHB by 1 April 2013	All Member States	Apr 1, 2013
2.5	Member States forward proposed INT Chart Schemes for the Pacific side for approval by the group by 15 April.	All Member States	Apr 15, 2013
MICC – ENC Actions			
2.4	All Member States to forward suggestions on how to handle the next Report to MACHC, which includes INT Chart activities.	All Member States	May 22, 2013

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(as of April 10, 2013)

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