



INTERNATIONAL HYDROGRAPHIC ORGANIZATION
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC
COMMISSION



MACHC Integrated Chart Committee
Wednesday, 18 June 2014 – Conference Call

1. Commencement of Call:

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

- | | |
|--|-----------------------------|
| i. Jan Schaap (Netherlands) | vi. Wilner Pino (Venezuela) |
| ii. Ian Spurway (UK) | vii. Anthony Klemm (US) |
| iii. Paulo Matos (Brazil) | viii. John Nyberg (US) |
| iv. Nickolás Roscher (Brazil) | ix. Erich Frey (US) |
| v. Alexander Fonseca Cardenas (Mexico) | |

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.

2. MICC Organization:

a. Participants List:

Venezuela informed the group that Arennis Zabala is no longer with the Venezuelan Hydrographic Office. The attached Participants List (Annex B) is adjusted accordingly.

b. Approval of Minutes from 19 March MICC Conference Call:

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

c. MICC Administrative Actions:

There were no outstanding MICC Administrative Actions.

3. Risk Assessment Methodology:

The Risk Assessment Methodology introduced at the March 19 MICC Conference Call did not generate any follow-up interests. John Nyberg indicated that he reached out to those unable to participate in the March Call, but did not receive much response, other than from the UK, who provided some positive comments. John further noted that in order to proceed on a Risk Assessment exercise for the MACHC, all Member States need to be engaged, as it cannot be done by a single Member State as the only participant. John further suggested that a presentation on this topic be made to the next MACHC Plenary in Manzanillo in December. Mexico expressed interest in gaining further guidance on possible Risk

Assessments. Additionally Paulo Matos of Brazil expressed an interest in further exploring Risk Assessments Methodologies. The Chair urged all Member States to look at the minutes from the March 19 Call for further information on this topic.

Action 6.1: NOAA to send the Risk Assessment presentation (from the March 19 Conference Call) to Brazil. (Anthony Klemm)

4. INT Charts:

a. Review of INT Chart Actions:

- i. Action 12 (Venezuela and UK to review limits for INT 4102) remains **on-going**. Ian Spurway responded that there were discussions with Venezuela, but other technical issues need to be addressed before the limits can be resolved. Wilner Pino indicated that Venezuela intends to use INT 4102 for themselves.
- ii. Action 4.1 (UK to contact Colombia regarding the overlap and paper size of INT Charts 4025 and 4011) continues as **on-going**. Ian Spurway noted that this issue is in abeyance with technical issues at the moment.

b. Updates to Current INT Chart Coverage:

The INT Chart Scheme submitted by Mexico, discussed at the March 19 Conference Call has been adjusted based to comments and direct bilateral communications. As a result, the scheme was adjusted and a revised version is now available. Ian Spurway (UK) indicated that he is not fully comfortable with the chart scheme, but will defer until the adjusted scheme is reviewed. The Chair agreed to forward this latest update with the UK.

Action 6.2: The Chair, MICC, to forward the most recent Mexican Chart Scheme to the UK. (John Nyberg)

Instead of further discussing the chart scheme at this time, it was suggested that we await comments from CSPCWG and share those comments with MICC Members for the time being.

Alexander Fonseca stated that Mexico has requested the assignment of INT Chart numbers and is awaiting a response. This chart scheme has been forwarded to CSPCWG for review and eventual approval and assignment of numbers. As the numbers are received, they will be assigned accordingly. John Nyberg will continue to work with Jeff Wooton (of CSPCWG) to expedite receipt of the Chart Numbers.

Action 6.3: John Nyberg to work with Jeff Wooton, CSPCWG, to expedite receipt of the INT Chart numbers for the Mexican chart scheme. (John Nyberg)

John Nyberg also indicated that there will be a change to S-4, as CSPCWG intends to split Region A and Region B on the Pacific side. He further indicated that the Chart Numbers are expected within a week.

5. Electronic Charts:

a. Review of Electronic Chart Actions:

- i. 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) continues as **on-going**. (Ian Spurway noted that the UK is in receipt of information on Salvador Island.)
- ii. Action 4.4 (Venezuela to provide update on the progress of ENC development in the Orinoco River area) remains as **on-going**. Wilner Pino noted that Venezuela is in discussion as to who will produce the Orinoco River ENCs. Venezuela does not have the authority for these ENCs at this time, although they did conduct surveys. It was suggested that Jeff Bryant (Capacity Building Committee) should be made aware of this. These discussions lead to an inquiry by Venezuela on possible training and/or assistance for the production of Inland/River ENCs. The Chair indicated that he would coordinate a response to Venezuela's request.

Action 6.4: John Nyberg to coordinate, in response to Venezuela's request, training and assistance for Inland/River ENC production for the Orinoco River. (John Nyberg)

- iii. Action 4.7 (UK to provide an update to the Ports Analysis) continues as **on-going**.
- iv. Action 3.1 (John Nyberg to contact other MACHC Members (individually) to gain support for expanding Risk Assessment efforts in the MACHC) is **completed**.
- v. Action 3.2 (Continue to work with CLIA (US) and Cruise Lines (UK) and make use of AIS data to derive an updated list of Priority Ports) remains as **on-going**. It was suggested that this be made a joint US/UK action. The UK has a meeting scheduled with CLIA to discuss the requirements for data. The Chair suggested a possible US/UK Conference Call with the new CLIA representative.

Action 6.5: The Chair to arrange a US/UK Conference Call with CLIA to discuss hydrographic data requirements. (John Nyberg)

With respect to an updated list of Priority Ports, also an on-going activity which includes CLIA, the group discussed how AIS data might be helpful to determine such a list and NOAA agree to provide assistance with this effort.

Action 6.6: NOAA to provide support (to Ian Spurway) for using AIS data to analyze cruise ship traffic in/out of ports, especially those that do not have adequate ENC coverage (Band 4 or 5). (Anthony Klemm)

- vi. Action 3.3 (The UK and NGA (Jim Rogers) establish contact to address the overlap of the two Haitian cells, GB40465A and GB400466) has been **deferred to the next meeting** (as Jim Rogers was unable to participate in this call).
- vii. Action 3.4 (Participants to forward comments on the Risk Assessment Models discussed under Agenda Item 3) is **completed**. See Item 3 above.

Ian Spurway noted the recent technical visit between the UK and Venezuela regarding the publication of GB301966. This cell will be available until Venezuela publishes their equivalent band cell. Anthony Klemm requested the shapefiles for GB 201966 so that it can be incorporated into the tables of available MACHC ENC's.

Action 6.7: Ian Spurway (UK) to forward the shapefiles for GB201966 to Anthony Klemm. (Ian Spurway)

Jan Schaap indicated that the Netherlands also has an interim cell available until Venezuela publishes their equivalent cell.

Ian Spurway also added that the UK will provide assistance to Cuba for Band 3 cells, one of which may create an overlap with US cells. Ian also indicated that a new Band 5 cell of the Mariel area has been completed. John Nyberg stated that it will be helpful if the geographic limits (shapefiles) for the Cuban cells could be made available for the MICC table of ENC's.

Action 6.8: Ian Spurway (UK) to forward the geographic limits (shapefiles) for the Cuban cells to Anthony Klemm. (Ian Spurway)

- b. Cruise Lines Requests/Private Sources for ENC's:
This is discussed under Action Items 6 and 3.2 above.
- c. Annex A: Details of Annex A were not further discussed.
- d. Annex B: Details of Annex B were not further discussed.
- e. Updates on RENC's: There were no updates on arrangements with RENC's.

Anthony Klemm referenced the new Mexican ENC's which became available since our last MACHC GIS update. Coordinates (and cell limits) for these ENC's will be required in order to update the GIS. Anthony Klemm will provide the list of ENC's to Mexico for which additional data is needed and e-mail them to Alexander Fonseca for the updates.

Action 6.9: Anthony Klemm to send list of newly published Mexico cells to request information to update MACHC GIS. (Anthony Klemm)

Anthony Klemm also noted that some of the names of the VE/UK cells covering Venezuela appear to have been interchanged in the Primar Catalog. John Nyberg agreed to follow-up on this issue with Wilner Pino.

Action 6.10: Anthony Klemm to follow-up via e-mail to clarify the switched cell name issue with Wilner Pino (Venezuela) – VE500104 and VE500105. (Anthony Klemm)

Wilner Pino, in turn, requested the shapefiles for the cells with switched names to be sent by Anthony Klemm.

Action 6.11: Anthony Klemm to send the shapefiles of all Venezuelan cells to Venezuela. (Anthony Klemm)

- f. ENC On-Line: Anthony Klemm demonstrated the "ENC Online" concept which provides seamless presentation of the ENC's. This can NOT be downloaded and does NOT fulfill chart carriage requirements for regulated commercial vessels, but is useful for reference purposes, planning and GIS applications. John Nyberg suggested developing something similar for the MACHC Region. The current NOAA ENC On-Line

is available at: <http://www.nauticalcharts.noaa.gov/ENCOOnline/enconline.html>. John asked everyone to look at the website, which can serve as a medium to provide data for the region. Further, he is considering submitting a proposal to the MACHC Plenary to further explore an ENC On-Line concept for the MACHC Members with each member will be in control of their own data.

Jan Schaap expressed interest and support for such an approach and looks forward to the proposal. Paulo Matos was similarly supportive.

Action 6.12: John Nyberg to develop a proposal for the MACHC on a Regional ENC Online for the MACHC. (John Nyberg)

6. MICC Work Plan for 2014:

John Nyberg noted that the next Conference Call scheduled for Oct 8 (in the Work Plan) will have to be changed due to the Extraordinary International Hydrographic Conference (EIHC) scheduled during that week. One alternative was for the MICC to actually have a face-to-face meeting in Monaco in conjunction with the EIHC. Unfortunately, most MICC Members could not confirm their attendance at the EIHC. Consequently the October 8 Conference Call has now been rescheduled for October 22, 2014. The Work Plan (Annex C) has been adjusted accordingly.

7. Other Business:

Paulo Matos expressed interest in more information on the Risk Assessment presentation from the previous Conference Call. Anthony Klemm will forward the Risk Assessment presentation to Paulo. See Action 6.1.

8. Adjourn:

The Conference Call adjourned at 10:45 EDT. The next conference call is now scheduled for October 22, 2014.

SUMMARY OF ACTIONS

Annex A

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
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
“NEW” INT Chart Actions from 18 June MICC Conference Call			
6.1	NOAA to send the Risk Assessment presentation (from the March 19 Conference Call) to Brazil. (Anthony Klemm)	US	June 30
6.2	The Chair, MICC, to forward the most recent Mexican Chart Scheme to the UK. (John Nyberg)	US	June 30
6.3	John Nyberg to work with Jeff Wooton, CSPCWG, to expedite receipt of the INT Chart numbers for the Mexican chart scheme. (John Nyberg)	US	July 15

Annex of Actions

ENC Actions carried forward from MICC Meeting (November 2012)			
#	Action	Who	Status
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	On-going
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.	Venezuela	On-going
4.7	UK to provide an update to the Ports Analysis.	UK	On-going
ENC Actions carried forward from 19 March MICC Conference Call			
3.2	Continue to work with CLIA (US) and Cruise Lines (UK) and make uses of AIS data to derive an updated list of Priority Ports.	UK	On-going
3.3	The UK and NGA (Jim Rogers) establish contact to address the overlap of the two Haitian cells, GB40465A and GB400466.	UK/US	Deferred till next meeting in October
“NEW” ENC Actions from 18 June MICC Conference Call			
6.4	John Nyberg to coordinate, in response to Venezuela’s request, training and assistance for Inland/River ENC production for the Orinoco River. (John Nyberg)	US	July 15
6.5	The Chair to arrange a US/UK Conference Call with CLIA to discuss data requirements. (John Nyberg)	US	July 15
6.6	NOAA to provide support (to Ian Spurway) for using AIS data to analyze cruise ship traffic in/out of ports, especially those that do not have adequate ENC coverage (Band 4 or 5).	US	July 15
6.7	Ian Spurway (UK) to forward the shapefiles for GB201966 to Anthony Klemm.	UK	July 15
6.8	Ian Spurway (UK) to forward the geographic limits (shapefiles) for the Cuban cells to Anthony Klemm.	UK	July 31
6.9	Anthony Klemm to send list of newly published Mexico cells to request information to update MACHC GIS.	US	June 30
6.10	Anthony Klemm to follow-up via e-mail to clarify the switched cell name issue with Wilner Pino (Venezuela) – VE500104 and VE500105.	US	July 15
6.11	Anthony Klemm to send the shapefiles of all Venezuelan cells to Venezuela.	US	June 30
6.12	John Nyberg to develop a proposal for the MACHC on a Regional ENC Online for the MACHC.	US	October 22

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Hydrographic Commission
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(as of June 18, 2014)**

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MACHC International Chart Coordination Working Group

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Proposed 2014 Work Plan Milestones

DELIVERY DATE (2014)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
January 31	Member States continue to provide plans to address gaps in ENC coverage within their area.	Member States continue 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 19	Hold quarterly conference call to assess status and next steps	
March 31	Agree on a Risk Assessment methodology.	
April 11	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call.	
May 10	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 18	Hold quarterly conference call to assess status and prepare information as needed for subsequent communication to IRCC and IHB.	
July 11	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call	
August 1		MS to forward S-11 updates to MICC technical coordinator for incorporation into Region B, S-11 to IHB, to include new Pacific INT scheme.

DELIVERY DATE (2014)	ACTIONS	
	Electronic Chart Activities	INT Chart Activities
August 22		MICC technical coordinator to forward S-11 updates to IHB, to include Pacific INT scheme.
September 26	Provide initial draft of Report for review at the next Conference Call	
September 30	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 8 October 22	Hold quarterly follow-up conference call to update/review and discuss MS input in preparation of 15th MACHC	
November 7	Complete follow-up activities from Conference Call. Member States to provide all additional information identified during conference call	
November 7	Provide all updates to Leland (for the Annexes of the Report)	
November 14	All Members provide final comments on the Report to MICC Chair	
November 21	Submit Final Report to MACHC	
Nov/Dec 2014	Seek approval of Final Report at 15 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	