



INTERNATIONAL HYDROGRAPHIC ORGANIZATION  
MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC COMMISSION



**XI<sup>th</sup> Meso American & Caribbean Sea Hydrographic Commission Meeting**  
**10-11 November 2010**  
**Paramaribo, Suriname**

**X<sup>th</sup> MACHC Resolutions & Actions**  
(as agreed at the X<sup>th</sup> Commission Meeting, Bridgetown, Nov 5<sup>th</sup> 2009)

| Agenda            | Action | Agreements  | Responsible Party         | Due Date    | Status  |
|-------------------|--------|---|---------------------------|-------------|---|
|                   |        | <b>General:</b>   |                           |             |   |
| 3<br>(MACHC 8-12) | 10-1   | Mexico will report on the results of the Mexican pilot project to include the private sector in the production of ENC's   | Chair TG2-ECC             | 30 Nov 2008 | <b>Outstanding / Pending</b><br>To date, no information has been forwarded from Mexico. |
| 3<br>(MACHC 9-6)  | 10-2   | MACHC Members should provide update information to IHO C-55 publication and update it at least once a year, reporting this action in the National Report  | MACHC Members             | on going    | <b>Permanent</b>  |
| 5                 | 10-3   | The Commission accepts IHB proposal to post the main documents of its meeting on the IHB website and keep the discussion documents on the website managed by NOAA   | Secretary / IHB           | 06 Nov 2009 | <b>Done</b><br><b>Permanent</b>   |
| 7                 | 10-4   | The Commission approves the following amendment of the Statutes proposed by France:<br>a) Article 5, b):<br>"The Chair and Vice Chair of the Commission shall be from a Full Member State of the Commission, elected on a rotational basis. Under normal circumstances, the term for the Chair and Vice Chair will be two years. <i>If the period between Conferences exceeds two years, the term will be extended until the end of the next Conference.</i> "<br>b) Article 6, a):<br><del>The Chair elect of the Commission shall make arrangements for hosting the next Conference in a country in the Region.</del><br><i>"At the end of each conference the Full</i> | MACHC Members / Secretary | 30 Nov 2009 | <b>Done</b><br>(MACHC Letter 35/2009)   |

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|        |        | <p>Members desirous of hosting the following conference shall put forward their candidatures. Proposals for holding the conference in a country of an Associate Member may also be considered. Where no other compelling circumstances exist, priority shall be given to a Full Member state which has not yet hosted a conference, or to the one which did so the longest time ago.”</p>                                      |                                  |                                   |             |
| 10     | 10-5   | <p>Approve El Salvador’s application for MACHC membership and welcome the newest Associate Member.</p>   | MACHC Members / Chair            | 06 Nov 2009                       | <b>Done</b> |
| 6      | 10-6   | <p>FR/VE to pursue discussions on bilateral agreement for data exchange in accordance with TR A3.4 (co-production, distribution of repromats, etc.)*<br/><br/>           (* ) This Resolution is related to Resolutions nb 10-19, 10-38, 10-39, and 10-51</p>  | France and Venezuela             | By XI <sup>th</sup> MACHC Meeting |             |
| 6      | 10-7   | <p>NL/VE to pursue discussions on bilateral agreement for data exchange in accordance with TR A3.4 (co-production, distribution of repromats, etc.)</p>  | The Netherlands and Venezuela    | By XI <sup>th</sup> MACHC Meeting |             |
| 9      | 10-8   | <p>Date and venue of the next meeting: Suriname, in late October. Suriname must confirm the possibility no later 15 January 2010.<br/><br/>           If not possible, Venezuela offered to serve as an alternative venue. In this case, VE must confirm the possibility no later 15 March 2010.<br/><br/>           In case both countries can not host the meeting in 2010, the Chair will postpone the meeting to 2011.</p> | Suriname, Venezuela, MACHC Chair | 30 Mar 2010                       | <b>Done</b> |
|        |        | <b>Capacity Building:</b>  |                                  |                                   |             |
| 6      | 10-9   | <p>The Commission approves the proposed Capacity Building plan as it is published in the minutes of this meeting</p>   | MACHC Members / Secretary        | 06 Nov 2009                       | <b>Done</b> |
| 6      | 10-10  | <p>The Commission agrees to have a specific person in charge of CB matters instead of having the Chair in charge of it and accepts UK offer to take the task.</p>  | MACHC Members / UK               | 06 Nov 2009                       | <b>Done</b> |
| 6      | 10-11  | <p>The Commission takes note of Honduras comments on the importance of the continuity on the effort of providing training to the three countries involved on the Gulf of Honduras project (Belize, Guatemala and Honduras) and requests the CB coordinator to identify it as a priority activity in 2011 and beyond within</p>   | CB Coordinator                   | 15 Feb 2010                       |             |

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|        |        | the approved CB Plan.  |                       |                                      |   |
| 6      | 10-12  | The Commission takes note of El Salvador proposal's to promote a basic hydrographic training course in El Salvador for the Caribbean islands and small countries, as well as a Technical Visit to high level authorities, and requests the CB coordinator to take the appropriate action accordingly with the guidelines of the approved CB Plan.  | CB Coordinator<br>IHB | 15 Feb 2010                          | <b>Done:</b> Technical visit<br><b>Pending:</b> Hydro Course                          |
| 6      | 10-13  | The Commission takes note of Jamaica's comment on CB matters of the necessity to have, besides training, an effort on technical capacity – equipment and survey's platforms – and also the IHB suggestion on to promote events on means to attain support to improve the hydrographic capacity, and requests the CB coordinator to take the appropriate action accordingly with the guidelines of the approved CB Plan.  | CB Coordinator        | 15 Feb 2010                          |   |
| 6      | 10-14  | The Commission will address the IHB to provide a dual language English\Spanish version of the MSI course to be promoted in 2011.   | Chair                 | 15 Mar 2010                          | <b>Done</b><br>Spanish version ready. Files will be available to the next MSI course. |
| 6      | 10-15  | The CB Coordinator will work with interested countries to develop CB activities and related training for the Gulf of Fonseca.  | CB Coordinator        | By XI <sup>th</sup><br>MACHC Meeting |   |
| 6      | 10-16  | CB coordinator will review Global Environmental Facility projects (VIA THE GEF WEBSITE) to assess if there are other projects in the region that could be leveraged for CB support, as was done for the Gulf of Honduras Project.  | CB Coordinator        | By XI <sup>th</sup><br>MACHC Meeting |   |
| 6      | 10-17  | The CB Coordinator should work in close liaison with the adjacent Regional Hydrographic Commissions, including the EATHC.  | CB Coordinator        | On going                             |   |
| 6      | 10-18  | The CB Plan should be reviewed at the next Commission meeting.   | CB Coordinator        | By XI <sup>th</sup><br>MACHC Meeting |   |
| 6      | 10-19  | MACHC CB-chair to establish Correspondence Group (CG) to consider the Venezuela proposal to increase the financial means of the CB by the sales/royalties of the INT paper charts and the corresponding ENCs. Report to the next plenary Conference for decision making and correspond with the chair of IHO CBCS and IRCC as solutions might be of interest to other Regional Hydrographic Commissions. (members of CG: | MACHC Chair<br>CG     | 30 Nov 2009                          | <b>Done</b><br>(MACHC Letter 05/2010)   |

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|        |        | BR, NL, UK and VE)*<br>(* Resolution related with Res. 10-6.   |  |             |         |
|        |        | <b>Electronic Chart Committee (ECC) / Task Group 1 (TG1):</b>  |  |             |         |
| 6      | 10-20  | Travel arrangements must be communicated to IHO Bureau for Phase 2 training.<br>GoH country representatives participating in NOAA February 2010 Hydrotraining (Belize / Guatemala / Honduras)<br>2010 In-country trainers (NOAA/Navy hydrographers)<br>Honduras: 11-25 April 2010<br>Guatemala: 25 April – 9 May 2010<br>Belize: 28 February – 14 March 2010 | ECC Chair  | 30 Nov 2009 | Done    |
| 6      | 10-21  | GoH countries identify one (1) English-speaking participant for NOAA February 2010 Hydrotraining for an introductory hydrography course (not for experienced or prior-trained personnel)   | Belize, Guatemala and Honduras                                   | 23 Nov 2009 | Done    |
| 6      | 10-22  | NOAA / GoH Project send letter to GoH countries, inviting to NOAA February 2010 Hydrotraining.<br>Announcement of intent for in-country Phase 2 training   | ECC Chair  | 18 Dec 2009 | Done    |
| 6      | 10-23  | NOAA / Navy explore possibility of focused tide station installation and water level analysis training and/or support.   | ECC Chair  | 31 Jan 2010 | Done    |
| 6      | 10-24  | GoH countries ensure preparations made for in-country training: Prior to NOAA/Navy trainer arrival (Vessel & personnel; Equipment installation)  | Belize, Guatemala and Honduras                                   | Mar 2010    | Done    |
| 6      | 10-25  | GoH countries and other MACHC partners to document hydrographic activity in-kind contributions using format provided by GoH Project Director.  | Belize, Guatemala and Honduras;<br>ECC Chair                     | 28 Feb 2010 | Pending |
| 6      | 10-26  | GoH countries produce progress report and results of Phase 1 Training for MACHC Chair to submit to IHO CBSC  | Belize, Guatemala and Honduras;<br>ECC Chair;<br>CB Coordinator. | 31 Jan 2010 | Pending |
| 6      | 10-27  | GoH countries and ECC WG1 Chair generate & submit request through MACHC Chair for  | Belize,  | 15 Mar 2010 | Done    |

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|                   |        | 2011 hydrographic training & support from IHO CBSC.   | Guatemala and Honduras;<br>ECC Chair  |                                   |  |
|                   |        | <b>Electronic Chart Committee (ECC) / Task Group 2 (TG2):</b>   |                                       |                                   |  |
|                   |        | Regarding the Electronic Navigational Charts (ENCs): The 1:1 000 000 ENCs:  |                                       |                                   |  |
| 3<br>(MACHC 9-12) | 10-28  | The UKHO will discuss with Cuba, Venezuela, Colombia and Mexico the 4011 ENC in order to re-define its boundaries based on existing ENC data in the same Usage Band.  | UK, Cuba, Venezuela, and Colombia     | By XI <sup>th</sup> MACHC Meeting | <b>In progress</b>                         |
| 3<br>(MACHC 9-12) | 10-29  | The UKHO will discuss 4017 ENC with Cuba and US to consider if an existing ENC cell can be adopted instead, redefining its boundaries accordingly.  | Cuba, UK, and US                      | By XI <sup>th</sup> MACHC Meeting | <b>Done</b><br>Addressed in ECC ENC Report |
| 3<br>MACHC 9-12   | 10-30  | Produce a regional ENC scheme, including addressing the overlap of cells between involved Member States, listing the existing cases and tasking their resolution; ECC should advise MS on ENC production, taking into account priority ports and approaches. Report progress to the next MACHC meeting. | TG2 EEC Chair, all MACHC MS           | Dec 2010                          | <b>Done</b><br>See ECC ENC Report          |
| 6                 | 10-31  | Institute a formalized communication process to monitor progress, including quarterly reports and possibly one face-to-face meeting in conjunction with the IRCC CBC meetings, JUNE 2010, USA   | TG2 EEC Chair<br>AND TG MEMBER STATES | On going                          | <b>Done</b><br>See ECC ENC Report          |
| 6                 | 10-32  | Achieve adequate regional ENC coverage by Dec-2010  | MACHC MS                              | Dec 2010                          | <b>In progress</b>                         |
| 6                 | 10-33  | Utilize the medium scale INT Scheme as baseline for adequate medium scale ENC coverage (usage bands 2/3).   | MACHC MS<br>ECC Chair                 | Dec 2010                          | <b>Done</b>                                |
| 6                 | 10-34  | Identify production status/gaps   | ECC Chair                             | Dec 2010                          | <b>Done</b>                                |
| 6                 | 10-35  | Consider producing medium scale ENCs before medium scale INT charts.  | MACHC MS<br>ECC Chair                 | Dec 2010                          | <b>Done</b>                                |
| 6                 | 10-36  | Invite RENCs representatives to the WG meetings   | MACHC Chair                           | By XI <sup>th</sup> MACHC Meeting | <b>Done</b>                                |
| 6                 | 10-37  | Coordinate reports and activities as appropriate with the ICC.  | ECC Chair                             | On going                          | <b>Done</b>                                |
| 6                 | 10-38  | ENC equivalent to INT 4022 produced by FR (in accordance with IHB letter S3/4230/B dated 13 Jan 2006) should be distributed to MACHC MS.*<br><br>(* ) Resolution related with Res. 10-6.  | France                                | By XI <sup>th</sup> MACHC Meeting | <b>Done</b><br>(No requests were received) |

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| 6                 | 10-39  | MACHC ECC to consider the proposal made by Venezuela to name ENC 4022 "WC" (for West Caribbean) for MACHC (as it is in EAHC for Malacca Strait) rather than national designations<br>(* ) Resolution related with Res. 10-6. | ECC Chair                             | By XI <sup>th</sup> MACHC Meeting | In progress   |
|                   |        | <b>International Chart Committee (ICC)</b>   |                                       |                                   |   |
| 3<br>(MACHC 9-14) | 10-40  | UK and US will send the necessary data for Cuba in order to produce Charts nb 4154, 4158, 4166, 4170, and 4149.  | UK & US                               | each 6 months                     | Done<br>(Data provided 22 Apr, but interaction continues) |
| 3<br>(MACHC 9-14) | 10-41  | INT Chart Coordinator should confirm if the MACHC web site INT Chart data base is updated and should take action to update it in the case it is not.   | INT Chart Comm. Chair                 | 30 Oct 2008                       | In progress   |
| 3<br>(MACHC 9-14) | 10-42  | The INT Chart Committee should produce an INT Chart Plan.  | INT Chart Comm. Chair                 | 30 Dec 2008                       | In progress   |
| 3<br>(MACHC 9-14) | 10-43  | UK in consultation with Cuba and US will investigate possibility of alternative solution for interim coverage of charts 4017 and 4021.   | INT Chart Comm. Chair, UK, US, & Cuba | 30 Dec 2008                       | In progress   |
| 6                 | 10-44  | The ICC will revise IHO publication S-11, Part B, on the corresponding data. Members States must send their updated data to the Secretary  | MACHC Members / Secretary             | 15 NOV 2009                       | In progress   |
| 6                 | 10-45  | The Commission endorses Colombia's proposal to Venezuela in regard to INT Chart 4023, in order to publish the chart unilaterally.  | MACHC Members                         | 06 NOV 2009                       | Done  |
| 6                 | 10-46  | The Commission endorses NL consent to amend IHO publication S-11 on the production country of INT chart 4108 to Venezuela as the producer.   | INT Chart Comm. Chair                 | 15 NOV 2009                       | Done  |
| 6                 | 10-47  | The Commission endorses IHB representative request to Member States to send copies of new editions of INT Charts to the IHB.   | MACHC Members                         | On going                          | Done  |
| 6                 | 10-48  | The Commission recommends that MACHC the approve the HSSC suggestion regarding ToR and RoP for Regional Chart Coordinator and look forward on to have one coordinator for both, the INT Charts and the ENCs.                 | MACHC Members                         | By XI <sup>th</sup> MACHC Meeting | Done  |
| 6                 | 10-49  | The Commission will address to IRCC the subject of the HSSC proposal on ToR and RoP for Regional Charts Coordinators, particularly in regard to have one coordinator for both, the INT Charts and the ENCs.                  | MACHC Chair                           | Jun 2010                          | Done  |
| 6                 | 10-50  | The Commission will communicate with Mexico regarding the above resolution and   | MACHC Chair                           | 30 NOV 2009                       | Done<br>MACHC Letters                                     |

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|        |        | ask the intention of Mexico to continue as INT Chart Coordinator. In the case of a negative response, the Commission accepts Brazil's offer to take the task.                         |                   |                                   | 33 and 37 / 2009 |
| 6      | 10-51  | INT 4022 paper chart produced by Venezuela (in accordance with IHB letter S3/4230/B dated 13 Jan 2006) to be distributed to MACHC MS.*<br><br>(* ) Resolution related with Res. 10-6. | Venezuela         | By XI <sup>th</sup> MACHC Meeting |                  |