

**19thMeso American & Caribbean Sea Hydrographic**

**Commission Meeting**

**26 November- 1 December 2018**

**Cartagena de Indias, Colombia**

**List of Actions**

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| legend |
| White: open item |
| Light grey: continuous action |
| Light Green: completed or closed |

**Table 1: NEW ACTION ITEMS FROM THE 19th MACHC**

| **No** | **Reference** | **Action** | **Responsible party** | **Due date** | **Status** |
| --- | --- | --- | --- | --- | --- |
| **List of actions 19th MACHC meeting** |
| 19.4.1a | Reports from Observing Organizations | Countries reach out to the [National Tsunami Warning contacts](http://itic.ioc-unesco.org/index.php?option=com_content&view=article&id=1034:list-of-member-states-tsunami-national-contacts&catid=1051&Itemid=1051) provide bathymetric data to support improved land-sea inundation models. | MACHC Member States | ASAP | **Open.** |
| 19.1.5 | Consolidate Actions | Review all the recent IHO, IRCC and HSSC actions in the context of the current MACHC list and determine how to consolidate, streamline, and take action on them. | Incoming Chair | ASAP | **Open.** |
| 19.2.3a | IRCC | Chair to circulate the amended Resolution 2/1997, including comments provided already by MACHC members states, for further input immediately after the meeting with a view to providing comments back to the IRCC by the end of the year | Chair | ASAP | **Closed, sent to IRCC Chair December 20, 2018**  |
| 19.5 | Capacity Building  | Members to send capacity building and other requirements officially to the Chair to channel to others/committees who might help;  | MACHC Member States | ASAP | **Open.** |
| 19.5a | Capacity Building | Develop a calendar of upcoming CBC training activities sponsored by other Member States, Committees, regional and other partners, such as FOCAHIMECA, COCATRAM, National training opportunities, IMAREST, etc. | CBC Chair | ASAP | **Open** |
| 19.5b | Capacity Building | Belize to request a cost estimate from the companies that provided the survey equipment from the Gulf of Honduras Project to see if repairs are viable  | Belize | ASAP  | **Open.**  |
| 19.5c | Capacity Building  | Create a working group for the "certification of hydrographers". | Mexico to lead with interested Member States, industry and HSOA/LA Chapter support | ASAP | **Open** |
| 19.6.4 | Seabed 2030 | Facilitate an introduction for Vicki Ferrini/Seabed 2030 RDC Coordinator to the Mexican hosted IBCCA to coordinate analysis of regional data gaps and catalyse contributions. | Mexico  | ASAP | **Open.** |
| 19.6.4 | Seabed 2030 | Encourage IBCCA chart contribution completion | Colombia | ASAP | **Open.** |
| 19.7 | Response to Disasters | Circulate the plenary-approved Disaster Response framework for further comment, elaboration and then finalize for implementation. | Incoming Chair | ASAP | **Open.** |
| 19.8.1 | SDI/MSDI | Countries not participating directly in the UN-GGIM Marine Geospatial WG are encouraged to contact their national representatives to the UN to make them aware of the importance of this initiative (contact John Nyberg for further information) and its benefits | MACHC Member States | ASAP | **Open.** |
| 19.8.7 | MSDI | The MEIP Report and the proposal to change the name and status to the Marine Spatial Data Working Group were approved. The new draft TORs will be circulated to Members for further input with a view to finalize them - by April 2019.  | MSDI Chair | March 31, 2019 | **Open.** |
| 19.8.7a | MSDI | A Workplan is to be produced in early 2019 and will include short term activities, such as response to “low-hanging fruit” use cases, i.e. Maritime Accident Risk Assessment Project, the Tri-National MPA network (RedGolfo) and Disaster Management | MSDI Chair | ASAP | **Open** |
| 19.9 | MICC | MICC Report was approved, including the change of Chair from U.S. to Suriname. The new Work Plan should address the issue of a regional ENC scheme. | MICC Chair | ASAP | **Open.** |
| 19.2.1 | IHOAssembly 2 | Identify potential MACHC Proposals to IHO Assembly 2 (must be completed four months before the Assembly; thus the MACHC due date is 21 December 2019; or last week of November) | Chair | ASAP | **Open.** |

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| **MACHC 19-1.5****Results of action list review at start of 19th MACHC****Conference** |

**Table 2: OPEN ACTION ITEMS AT START OF 19th MACHC**

| **No** | **Subject mater** | **Action** | **Responsible party** | **Due date** | **Status****after 19th MACHC** |
| --- | --- | --- | --- | --- | --- |
| **List of actions 18th MACHC meeting** |
| 18.2.3 | IRCC | That the president carries out the corresponding actions to the IRCC which are listed attached to this table. | MACHC Chair | ASAP | **Closed.** **Superseded by new action 19.1.5**  |
| 18.3.1 | National Reports | Belize will send the report of the state of the hydrographic equipment that was delivered to them within the framework of the project of the Gulf of Honduras to know the possibility of reusing the equipment as spare parts for other countries. | Belize | ASAP | **Closed.** |
| 18.6.1 | Capacity Building  | Countries that have received training are invited to send feedback on the impact of hydrographic capabilities. | Member States | ASAP | **Open.** |
| 18.6.2 | Capacity Building Opportun-ities  | Invitation to comment on creation of group work for the "certification of hydrographers" | Member States | ASAP |  **Closed. Superseded by new action 19.5.c** |
| 18.8.1 | MEIP | Task the MEIP Coordinator to investigate potential connections with the UN-GGIM Disaster Response Framework in order to create a GIS environment to support the work of the MACHC Chair in support of the affected coastal States in the region. | MEIP Coordinator | ASAP | **Closed.**GGIM Working Group on Geospatial Information and Services for Disasters is in transition and unable to assist at this time. |
| 18.10.1 | Response to disasters | Request Coastal States in the region to provide contact details in case of emergencies and instruct on the preparation of the contingency plan in accordance with IHO Resolution 1/2005. | Member States | ASAP | **Open.** |
| 18.10.2 | Response to disasters | Chair to report the discussions on response to disasters to IRCC10. | Chair | Meeting IRCC10 | **Closed.** |
| 18.11.3 | Closing activities  | Chair to work with the Secretariat to find a suitable solution for the agenda and the duration of the meeting and report to the members by CL. | Chair | ASAP | **Closed.** |

| **No** | **Subject mater** | **Action** | **Responsible party** | **Due date** | **Proposed status at the start of 18th MACHC** |
| --- | --- | --- | --- | --- | --- |
| **List of open actions 17th MACHC meeting** |
| 17.2.1.1 | IHO secretariat(MSI) | Members States to review the MSI status presented in Annex C of the IHO Secretariat report (MACHC17-02.1) and report to the chair of the MACHC any obstacles and challenges that are impeding the establishment of an effective MSI Capacity. See App 4 to Annex 1 of the Statutes as aid for MSI self-assessment. | Member States | 20thMACHC meeting | **Open.** See also action 15.6.3.2.  |
| 17.5.1 | Risk Assess-ment.  | Suriname to present on their risk-assessment project at MACHC meeting in 2017. | Suriname | 18thMACHC meeting | **Closed.** |
| 17.5.2.1 | Risk Assess-ment | Member states are encouraged to take part actively in a User Support Group for the Phd work on “Risk Assessment in Maritime Navigation for the Greater Caribbean Region (GCR)” by Ms. Dawn Seepersad of the UWI. | Member States as coordinated by Chair RA group | ASAP | **Closed.** |
| 17.5.2.2 | Risk Assess-ment | User Support Group is to develop a ‘road map’ on how to effectively support the Phd work on “Risk Assessment in Maritime Navigation for the Greater Caribbean Region (GCR)”. | Member States as coordinated by Chair RA group | ASAP | **Closed.** |
| 17.5.2.3 | Risk Assess-ment | Invite Ms. Dawn Seepersad to provide an update on her Risk Assessment project for the GCR. (see also action 17.5.2.1). | MACHC Chair | 18thMACHC meeting | **Closed.** |
| **List of open actions 16th MACHC meeting** |
| 16.1.6 | Statutes | Member States to consider how to provide dual versions in Spanish and English of MACHC documents, for instance as a voluntary service by a Member State. | Member States | 18th MACHC Conference | **Closed.** MS doing this on a voluntary basis as they are able..  |
| 16.2.1.3 | CB | Honduras, Guatemala and/or Belize to give an (annual) feedback at the MACHC Conference on the Gulf of Honduras project.  | Honduras, Guatemala,Belize | 18th MACHC Conference | **Closed.** Guatemala does not control the equipment; Honduras is actively using it; new action for Belize from 19th meeting. |
| 16.10.4.1 | FOCAHIMECA | Mexico to make their FOCAHIMECA program available to the CB Coordinator (Chair and Vice Chair) with the aim to harmonies time schedules and/or CB-activities between programs. | Mexico | As required for the 2017 MACHC CB plan  | **Closed.** **Superceded by** Action 19.5a |
| **List of open actions 15th MACHC meeting** |
| 15.5.1.2 | IHO | Haiti will send the Instrument of Accession to the IHO.  | Haiti | As soon as possible | **Open**, not deposited yet. Expect after elections in 2017. |
| 15.6.2.6 | National report | ESRI will try to make its data available to Haiti. | ESRI | 20thMACHC meeting | **Completed.** |
| 15.6.3.4 | MSI | Invite the Caribbean Disaster Emergency Management Agency(CDEMA) to attend the MACHC meetings | Chair MACHC | 20thMACHC meeting | **Open**. Contact established. No attendance at 17th,18th or 19thMACHC. |
| 15.8.1.3. | OECS | OECS to work together with the MACHC to develop common areas of collaboration (e.g. donor ship for MACHC projects). | OECS | 20thMACHC meeting | **Open**, awaits initiating activity. |

**Table 3: CONTINUOUS ACTION ITEMS AT START OF 18th MACHC WITH PROPOSED STATUS UPDATES FOR THE 18TH MACHC**

**(THIS TABLE WAS NOT REVIEWED AT THE 19th MACHC MEETING AND WILL BE IN THE CONTEXT OF ACTION 19.1.5)**

| **No** | **Subject mater** | **Action** | **Responsible party** | **Due date** | **Proposed status at the start of 18th MACHC** |
| --- | --- | --- | --- | --- | --- |
| **List of continuous actions 17th MACHC meeting** |
| 17.2.1.3 | IHOSecretariat(MICC) | Members States to update S-11 Part B for INT region B through the INToGIS tool and implement the procedures depicted in IHO CL 64/2015 for reviewing and monitoring of INT charts.MS to update their INT charts directly into INToGIS of IHO. | Member States as decided and coordinated by MICC  |  | **Continuous.** |
| 17.2.1.4 | IHOSecretariat(IRRC8/32) | Member States review entries related to IHO C-55, P-5 (yearbook) and ECDIS backup up arrangements (iaw. IHO CL 61/15) and report annually to IHO secretariat, including reports of “no change”.See Annex 1 of MACHC statutes for structured report formats. | Member States |  | **Continuous**, Rewritten in line with IRRC8 action 32 and IHO secretariat report (MACH 17-02.1). |
| 17.2.2.1 | IRRC 8/6 | Member States and observers are encouraged to attend WWNWS-SC meetings. | Member States |  | **Continuous.** |
| 17.2.2.2 | IRCC 8/7 | Raise awareness of the impact of e-navigation on the provision of MSI in the respective regions and to highlight the use of the Joint Manual on MSI to ensure correct terminology and formats are used in MSI messages. | MACHC Chair |  | **Continuous.** By way of agenda setting. |
| 17.2.2.3 | IRCC 8/8 | Encourage closer engagement of the National MSI Coordinators of Member States with the relevant NAVAREA Coordinator (7b). | MACHC Chair |  | **Continuous.** By way of agenda setting. |
| 17.2.2.4 | IRCC8/31 | Be attentive to opportunities to raise awareness on the role of hydrography and the importance of improving mankind’s knowledge of the seas and oceans in support of the sustainable development goals, disaster risk reduction and the integrity of the oceans. | MACHC Chair in coordination with Member States |  | **Continuous.** |
| 17.6.4 | DTM | Members States to consider making ENC bathymetric and contour information available for the IBCCA project via GEBCO (DCDB). | Member States |  |  **Continuous.**  |
| 17.6.5 | DTM | Members States are encouraged to participate actively in the GEBCO’s Seabed 2030 project by providing bathymetric data to the IHO DCDB to support mapping ocean areas at high resolution and by providing shallow water bathymetric data from ENCs to the IHO DCDB. | Member States | - |  **Continuous.**  |
| 17.7.1.1 | MICC | Encourage MACHC ENC Online participation | MACHC Chair |  | **Continuous.** |
| **List of continuous actions 16th MACHC meeting** |
| 16.2.2.5 | CB | Encourage National Hydrographers to invest in English language training to increase the chances of their candidates being selected to Cat A and Cat B training courses delivered in English | Member States and Associate Member States | As required  | **Continuous,** no longer extant as IRRC7 action 17. Maintain as MACHC action under CB. |
| 16.2.2.11 | IHO secretariat | MACHC Chair Invites Member States to consider providing representatives of the IHO at the international meetings listed in Annex A to paper IRRC8-08B on “Relations with other International Organizations and IHO Stakeholders” | Member States | Annually at MACH meetings | **Continuous,** list of meetings is updated yearly at IRCC. |
| 16.5.1 | Risk Assessment | Chair, supported by UKHO as chair of the Risk Assessment Group, to organize a follow-on meeting on Risk Assessment during MACHC conferences. With the aim to exchange information, learn and apply. | Chair MACHC, UKHO and Member States | Annually at MACH meetings | **Continuous.**  |
| 16.10.4.2 | FOCAHIMECA | If additional funding is sought from CB-funds, Mexico to make bids through the established CB mechanism’s.  | Mexico | As required | **Continuous** |
| **List of continuous actions 15th MACHC meeting** |
| 15.5.1.4 | UN | Delegates to encourage their Hydrographic Offices and to engage with other counterparts to participate in the Global Geospatial Information Management (UN-GGIM) meetings, in particulate the WG on Maritime Geospatial Information (MGI). | MS | As required | **Continuous,** but unilateral activity |
| 15.5.3 | HSCC | Encouragement of the Spanish speaking countries to participate in the HSSC WG and the HDWG meetings. | MS | As required | **Continuous,** unilateral activity. |
| 15.6.2.2 | National report | States to make full use of sea-riding opportunities to gain experience and share knowledge. | MS | As required | **Continuous,** bilateral activity |
| 15.6.2.7 | National report | Member states are urged to assist Haiti in setting up their hydrographic office and other hydrographic activities. | MS | As required | **Continuous,** bilateral activity. |
| 15.6.3.2 | MSI | Delegates to update their contact information in the NAVAREA IV list. | MS | As required | **Continuous,** unilateral activity. |