

**Meso-American and Caribbean Hydrographic Commission (MACHC)
relevant tasks in the IHO 2016 Work Programme**

Submitted as MACHC chair by the Hydrographic Service of the Royal Netherlands Navy, January 2017, in accordance with the IRCC Work Plan item 9/2016

IHO Work Programme 1 – "Corporate Affairs"

Task	Topic	Actions taken
1.1.4	Co-operation with European Union	Cooperation takes place through the IHO/EU Network Working Group (IENWG), in which FR represents the MACHC.
1.1.8	Co-operation with IALA	- A close relation with IALA is maintained through active participation at the MACHC Conferences as an observer. - The Hydrographic Awareness Seminars preceding the MACHC meetings are joint IALA/IHO/IMO activities.
1.1.12	Co-operation with IMO	- A close relation with IMO is maintained through active participation at the MACHC Conferences as an observer. - The Hydrographic Awareness Seminars preceding the MACHC meetings are joint IALA/IHO/IMO activities. - MSC: Several MS are involved in MSC meetings. - NCSR Subcommittee: Several MS are involved in NCSR meetings.
1.1.14	Co-operation with UNESCO-IOC	GEBCO: As a MACHC action item, MACHC members were encouraged to contribute to GEBCO's Seabed 2030 project by the USA and Brazil.
1.1.18	Co-operation with UN-GGIM	A close relation with UN-GGIM Americas is maintained through Mexico, and active participation of INEGI at MACHC Conferences as an observer.
1.1.20	Co-operation with PAIGH	A close relation with PAIGH is maintained through active participation at the MACHC Conferences as an observer.
1.1.20	Co-operation with OECS	A close relation with the Organization of East Caribbean States (OECS) is maintained through active participation at the MACHC Conferences as an observer.
1.1.20	Co-operation with THSOA	A close relation with The Hydrographic Society of America (THSOA) and its Latin American chapter is maintained through active participation at the MACHC Conferences as an observer.
1.3.4	General Public Relation support	MACHC ENC Online viewer s a great way to show hydrographic products to the general public (https://gis.charttools.noaa.gov/MACHC/MACHC%20ENCOnline/).

IHO Work Programme 2 - "Hydrographic Services and Standards"

Element	Topic	Actions taken
2.10	Hydrographic Data Acquisition and Processing	MACHC monitors SDB, including results of pilot projects within the MACHC region, as a standing agenda item at MACHC meetings.

IHO Work Programme 3 – "Inter Regional Coordination and Support"

Various Elements

Task	Topic	Actions taken
3.1.13	South-West Atlantic Hydrographic Commission	A relation with SWAtHC is maintained through presence of dual members at the MACHC Conferences.
3.1.15	US and Canada Hydrographic Commission	A relation with USCHC is maintained through presence of dual members at the MACHC Conferences.
3.1.17	WEND Working Group	As MICC chair, US (NOAA) represented the MACHC during WENDWG6 in Norway in March 2016.
3.1.18	Industry participation	Industry participation is common and appreciated during MACHC Conferences, which are open in nature.
3.2.3	MACHC strategy to increase participation of non-Member States in IHO activities	Non-MS are actively encouraged to get involved in MACHC activities.
3.3	Capacity Building Management	MACHC CB Coordinator plays a full part in the CBSC.
3.4	Capacity Building Assessment	MACHC CB plan in place, with funded activities and effective management by the CBC.
3.5	Capacity Building Provision	MACHC organized a Hydrographic Awareness workshop, an MSI course, and an MSDI course (coordinated with FOCAHIMECA).
3.6.1	C-55 Status of Hydrographic Surveying and Nautical Charting World-wide	As a standing MACHC agenda item, MS are encouraged to update their status in C-55 on an annual basis.
3.6.2	Implementation of the WEND principles	All ENC producing MS are a RENC member.
3.6.3	ENC schemes, consistency and quality	MACHC monitors its ENC scheme on a quarterly basis and posts updates on its website. It continues to monitor overlaps and gaps and has expanded its criteria for finding gaps in coverage with a focus on cruise ship traffic.
3.6.4	INT Chart Schemes and availability of the INT Chart Series	The INT Chart Scheme is tracked quarterly and updated on an annual basis in S-11. MACHC has made significant progress on completing the INT scheme in its area.
3.6.5	Global status of hydrographic surveying	The MACHC encourages MS to update C-55 on an annual basis. It has also conducted chart adequacy assessments in certain areas that include hydrographic status evaluations.
3.7	Maritime Safety Information	MS were urged to distribute MSI, for which NGA has WWNWS facilities available
3.8	Ocean Mapping Programme	MS were encouraged to contribute to GEBCO's Seabed 2030 project by the USA and Brazil.
3.9	Marine Spatial Data Infrastructures	OceanWise, as the IHO MSDI WG secretary, maintains relations with IHO MSDIWG.