

INTERNATIONAL HYDROGRAPHIC ORGANIZATION MESO AMERICAN & CARIBBEAN HYDROGRAPHIC COMMISSION



19th MEETING OF THE MESO AMERICAN & CARIBBEAN SEA HYDROGRAPHIC COMMISSION (MACHC 19)

Cartagena de Indias, Colombia November 26- December 1, 2018 AGENDA

Time	MACHC Seminar on Hydrographic Governance and dealing	Responsible
	with Maritime Disasters (Arcos Room)	
09:00-17:30	 Monday 26 November: 	IHO/UK
09:00-16:30	 Tuesday 27 November: 	

Time	DAY ONE OF MACHC 19	Responsible
	Wednesday, 28 November 2018	
08:15-09:00	Registration 19th MACHC	
	PRE-PLENARY COMMITTEE/WG MEETINGS- Fiesta Room (working level meetings to review annual progress and prepare summary reports with any resulting recommendations or issues for MACHC Plenary consideration)	Chairs and members
8:30-10:00	Integrated Charting Committee (MICC) meeting— Agenda by MICC Chair	Chair
10:00-10:30	Coffee Break	
10:30-12:00	Marine Economic Infrastructure Programme (MEIP) meeting—Agenda by MEIP Coordinator	Coordinator
12:00-13:00	Lunch	
13:00-15:00	Capacity Building Committee meeting Agenda by CBC Chair	Chair
15:00-15:30	Coffee Break	

15:30-16:00	FORMAL OPENING OF THE MACHC Opening Addresses (ARCOS Room-Business Attire and Navy Whites)	Chair, IHO Secretariat, Host
16:00-16:30	Official photograph session	All
16:30-17:30	1. MACHC Administration/organizational issues 1.1 Introductions	All/Chair
	Participants will be invited to introduce themselves <i>15 minutes</i>	, 3.14

	 1.2 Approval of Agenda Doc: MACHC19-01.2 Agenda Chair invites participants to comment on the agenda and timetable in case updates are necessary. Agenda is adopted. 15 minutes 	Chair
	 1.3 List of documents/Administrative Arrangements Docs: MACHC19-01.3A List of Documents MACHC19-01.3B List of Participants List of Documents as on the IHO/19thMACHC site List of Documents is updated as necessary Logistic guidance and information as necessary 15 minutes	Chair
	1.4. Matters arising from Minutes of MACHC18 Meeting Doc: MACHC19-01.4 Minutes of MACHC18 10 minutes	Chair
19:00	Welcome dinner Naval Officers Club"Salón Cabrestante" (Business casual-no tie for men, no shorts or jeans)	Colombian Navy

Time	DAY TWO OF MACHC 19	Responsible
	Thursday, 29 November 2018	
	Business Casual (Short sleeved navy whites/short sleeved guayabera/similar)	
08:30-10:00	1.5. MACHC 18 Action list review	Chair
	Doc: MACHC19-01.5A Action List from MACHC18	
	20 minutes	
	5.6 Update of Spain on its Regional Projects	National Delegate
	Doc: MACHC 19-05.6	
	10 minutes	
	2. MACHC Developments, IHO bodies, Policy aspects	
	2.1 IHO Secretariat Report	
	Doc: MACHC19-02.1 IHO Secretariat Report	IHO
	IHO Secretariat provides a briefing on current IHO	
	matters	
	10 minutes	
	2.2 Council Report.	
	Doc: MACHC 19.02.2 Council Report	Council Chair
	10 minutes	

	2.3 IRCC10 Report	U.S.
	Doc: MACHC19-02.3 IRCC10 Report	0.5.
	2.3a Proposed changes to IHO Resolution 2/1997	U.S.
	Doc: MACHC19023aV2 of IHO Resolution 2/1997	
	20 minutes	
	2.4 HSSC10 Report	
	Doc:MACHC19-02.4 HSSC10 Report	U.S.
	10 minutes	
	2.5 MSI/WWNWS	
	Doc: MACHC 19-02.5 WWNWS10 Report	Chair
	10 minutes	
	General remark	
	Chair invites the representatives of the above IHO	
	bodies/working groups to present the key (policy)	
	developments, decisions, actions or implications that affect	
	the MACHC region.	
10:00-10:30	Coffee Break	Host
10:30-13:00	4.1A Tsunami and other Coastal Hazards Warning System for	Chair,
	the Caribbean and Adjacent Regions (ICG/Caribe EWS) Doc: MACHC 19-04.1A	Intergovernmental Coordination
	10 minutes	
	10 minutes	Group
	3. National Reports from Members and Associate Members	
	(See Report Outline Guidance: Doc: MACHC 19-3i and	
	PPT Template for the National Reports—Doc: MACHC 19-3ii)	
	The presentations are not intended to replicate the content	
	of the National Report but rather to present key matters like:	
	- Main achievements during the year	
	- Main challenges and/or obstructions	
	- Progress on MSDI- Plans that affect the region	
	Chair requests Members and Associate Members not to read	
	verbally the written national report itself.	
	versally the written national report lesen.	National
	MACHC 19-03.A National Report Antigua and Barbuda	Delegates
	MACHC 19-03.B National Report Barbados	
	MACHC 19-03.C National Report Belize	
	MACHC 19-03.D National Report Brazil	
	MACHC 19-03.E National Report Colombia	
	•	
	Special presentation from Colombia: "Methodological	
	Special presentation from Colombia: "Methodological proposal to standardize regional schemes of	
	proposal to standardize regional schemes of	

	5.1 CBC Report	Chair
15.50-17.50	5. Regional Capacity building (CD)	
15:30-15:30	5. Regional Capacity Building (CB)	
15:00-15:30	Coffee Break	
	4.1B Update of COCATRAM on its Regional Projects Doc: MACHC 19-04.1B 10 minutes	Executive Director
	4.1 Reports from Observing Organizations (also integrated as appropriate into the themes of Day 3)	
	4. Reports from Observing States and Organizations	
	6 minutes each (including time for questions)	
	America • MACHC 19-03.AB National Report Venezuela	
	 MACHC 19-03.Z National Report United Kingdom MACHC 19-03.AA National Report United States of 	Delegates
14:00-15:00	MACHC 19-03.Y National Report Trinidad and Tobago	National
13:00-14:00	6 minutes each (including time for questions) Lunch	
	MACHC 19-03.X National Report Suriname	
	 MACHC 19-03.W National Report Saint Vincent and Grenadines 	
	MACHC 19-03.V National Report SaintLucia	
	MACHC 19-03.U National Report Saint Kitts and Nevis	
	 MACHC 19-03.T2 National Report Panama (Canal Authority) 	
	Authority)	
	 MACHC 19-03.S NationalReport Nicaragua MACHC 19-03.T1 National Report Panama (Maritime 	
	MACHC 19-03.R National Report Netherlands MACHC 10-03.C National Report Nices and Nices	
	 MACHC 19-03.Q National Report México 	
	MACHC 19-03.0 National Report Honduras MACHC 19-03.P National Report Jamaica	
	 MACHC 19-03.N National Report Haiti MACHC 19-03.O National Report Honduras 	
	MACHC 19-03.M National Report Guyana	
	 MACHC 19-03.L National Report Guatemala 	
	MACHC 19-03.K National Report Grenada	
	 MACHC 19-03.I National Report El Salvador MACHC 19-03.J National Report France 	
	MACHC 19-03.H National Report Dominican Republic	
	 MACHC 19-03.G National Report Cuba 	

Committee Chairs requested to present a brief (10-15 minutes) summary of annual accomplishments, result of the pre-Plenary Meeting and highlight any recommendations/issues that need to be addressed by the Plenary

Doc: MACHC 19-05.1 CBC Report (CBC Chair) - CBC

Chair introduces the CBC Report

10 minutes

5.2 Update of FOCAHIMECA

Doc: MACHC 19-05.2

10 minutes

5.3 Update of UK on its Regional Projects

Doc: MACHC 19-05.3

10 minutes

5.4 Update of Brazil on its Regional Projects

Doc: MACHC 19-05.4

10 minutes

5.5 Update of France on its Regional Projects

Doc: MACHC 19-05.5

10 minutes

5.7 Fugro Academy and their IHO Cat B Hydrographic Course

Doc: MACHC19-05.7

10 minutes

5.8 Update of IOCARIBE on its Regional Projects

Doc: MACHC19-05.8

10 minutes

5.9 Latin America Chapter of the Hydrographic Society of

America: For the Growth of Hydrography in the Region

Doc: MACHC19-05.9

10 minutes

5.10 Competency Standards for Hydrographers and Nautical

Cartographers

Doc: MACHC19-05.10

10 minutes

5.11 Capacity Development e-learning Training in

Hydrographic Governance

Doc: MACHC19-05.111

10 minutes

National Delegate

National Delegate

National Delegate

National Delegate

Fugro

Regional Secretary

Chair

IHO

IMarEST

Time	DAY THREE OF MACHC 19	Responsible
	Friday, 30 November 2018	
	Business Casual (Short sleeved navy whites/short sleeved	
	guayabera/similar)	
08:30-10:00	6. Survey and Risk	
	6.1 Risk assessment regional project	University of the
	Doc: MACHC 19-06.1	West Indies
	10 minutes	
	6.2 Accident statistics and analysis of AIS data for the	University of the
	Caribbean	West Indies
	Doc: MACHC 19-06.2	
	10 minutes	
	6.3GEBCO/IBCCA	Mexico National
	Doc: MACHC 19-06.3	Geographic
	10 minutes	Institute
	6.4 GEBCO/Seabed 2030	Head, Atlantic/
	Doc: MACHC 19-06.4	Indian Oceans
	10 minutes	Regional Data
		Center
	6.5 Evolution of Hydroacoustic Hydrographic Surveys, from	Konashora
	the vessel to the office.	Kongsberg
	Doc: MACHC 19-06.5	
	10 minutes	
	6.6 The New Fugro RAMMS Bathymetric Multibeam Lidar	Fuero
	System	Fugro
	Doc: MACHC 19-06.6	
	10 minutes	
	6.7 Satellite Derived Bathymetry Work in the Caribbean:	TConto
	Applications for machine learning and process automation	TCarta
	Doc: MACHC 19-06.7	
	10 minutes	
	6.8 Remote Environmental Monitoring Systems	AVVC
	Doc: MACHC 19-06.8 10 minutes	AXYS
10:00-10:30	Coffee Break	
10:30-12:00	7. MACHC response to Disasters (IHO resolution 1/2005)	
	Doc: MACHC19.07.1 MACHC Response to Disasters	IHO
	I	l

	Report from the Workshop on Dealing with Maritime Disasters	
	10 minutes	
	7.1 Caribbean Disaster Emergency Management Agency Doc: MACHC19.07.1 10 minutes	Director
	8. SDI/Marine Spatial Data Infrastructure	
	8.1 GGIM (Global Marine Geospatial Information Management) Doc: MACHC 19-08.1 Presentation of Marine Geospatial Data Management 10 minutes	Chair
	8.2. Tri-national Initiative for Marine Science and Conservation in the Gulf of Mexico and Western Caribbean Doc: MACHC 19-08.2 10 minutes	Regional Coordinator
	8.3 Caribbean Marine Atlas Doc: MACHC 19-08.3 10 minutes	Regional Coordinator
	8.4 Evolving into a Hydrospatial Agency Doc: MACHC 19-08.4 10 minutes	ESRI
13:00-14:00	Lunch	
14:00-15:00	8.5 Data Management Training Doc: MACHC 19-08.5 10 minutes	OceanWise
	8.6 Hydrographic Data as a Service Doc: MACHC 19-08.6 10 minutes	Teledyne CARIS
	8.7 MEIP Report Doc: MACHC19-08.7 MEIP Report (MEIP-WG)	Coordinator
	Committee/WG Chairs requested to present a brief (10-15 minutes) summary of annual accomplishments, result of the pre-Plenary meeting and highlight any recommendations/issues that need to be addressed or approved by the Plenary 10 minutes	

	9. Nautical Charts and Publications	
	9.1 MICC Report	Chair
	Doc: MACHC19-09.1 MICC Report - MICC Chair introduces the MICC Report	
	Committee/WG Chairs requested to present a brief (15 minute) summary of annual accomplishments, result of the pre-Plenary meeting and highlight any recommendations/issues that need to be addressed or approved by the Plenary 10 minutes	
	9.2 Live Data Streaming and the Use of Mobile Technology for Navigation Doc: MACHC19-09.1 10 minutes	IIC
15:00-15:30	Coffee Break	
15:30-17:00	10. Closing activities	
	10.1 Election (vice) Chair MACHC	Chair
	 10.2AOB Chair invites participants to present any other business 10.3 Review actions and decisions Chair reviews actions and decisions 10.4 Lessons identified Chair invites participants to provide (procedural) issues to be taken into account for future meetings 10.5 Next meeting Chair invites participants to offer to host the next MACHC meeting (s) 	National Delegates and Observers
	11.6 Close of meeting	Chair
19:00	Evening Event	TBD