



**15th MEETING OF THE MESO AMERICAN AND CARIBBEAN SEA HYDROGRAPHIC
COMMISSION (MACHC15)
Manzanillo, Colima México
10 - 13 December 2014**

AGENDA AND TIMETABLE

Time	DAY ONE OF MACHC15 Wednesday, 10 December 2014 (Short sleeved navy whites/ Short sleeved wayabera/similar)	Location	Responsible
08.00 - 08.15	Registration 15 th MACHC	Auditorium of IOP	All
08-15 - 09.00	Opening Remarks Opening of the meeting and welcome.	Auditorium of IOP	Chair/Host/IHB / Chief guest
09:00 – 09.10	Photograph.	Auditorium of IOP	Host.
09:10 – 11.00	MACHC Marine Economic Infrastructure Programme (MEIP)	Auditorium of IOP	Chris Thorne
09:00 - 09:10	1. Meeting commences A. Welcome/Introductions B. Approval of the Agenda	Auditorium of IOP	CHAIR
09:10 - 09:20	2. MEIP Organization/Administrative Topics A. Membership B. Approval of Notes of June, 2014 Conference Call C. Administrative Actions – Need for Vice Chair	Auditorium of IOP	CHAIR
09:20 - 09:40	3. Where we are and where we have come from	Auditorium of IOP	CHAIR
09:40 - 10:00	4. Proposals for the way forward	Auditorium of IOP	CHAIR
10:00 - 10:20	5. 10 min Presentation by ESRI 6. 10 min Presentation by CARIS	Auditorium of IOP	CHAIR ESRI
10:20 - 10:45	7. Open discussion on proposals to include views from all present	Auditorium of IOP	ALL MS
10:45 - 10:50	8. A. Review of agreed Actions B. Decision on the way forward	Auditorium of IOP	ALL MS
10:50 - 10:55	9. MEIP Work Plan for 2015	Auditorium of IOP	CHAIR
10:55 - 11:00	10. Any Other Business	Auditorium of IOP	CHAIR



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11:00 - 11:00	11. Adjourn	Auditorium of IOP	CHAIR
11:00 – 13:00	MACHC Integrated Chart Committee (MICC)	Auditorium of IOP	John Nyberg
11:00 - 11:10	1. Meeting commences A. Welcome/introductions B. Approval of the agenda	Auditorium of IOP	CHAIR
11:10 - 11:20	2. MICC Organization/Administrative Topics A. Updates in membership B. Approval of Minutes of June 18, 2014 Conference Call C. Administrative Actions (None)	Auditorium of IOP	CHAIR
11:20 - 11:40	3. Risk Assessment Methodology Plans/Updates	Auditorium of IOP	CHAIR TECH COORD
11:40 - 12:00	4. Ports Analysis Coverage	Auditorium of IOP	CHAIR TECH COORD
12:00 - 12:20	5. Int Charts A. Review of Actions B. Updates to Current Coverage I. INT Chart Scheme Adjustments II. S-11 Updates	Auditorium of IOP	ALL MS TECH COORD
12:20 - 12:40	6. Electronic Charts A. Review of Actions B. Update on Cruise Lines Requests/Private Sources for ENCS1 (See Actions 6 & 3.2) C. Updates/adjustments to Region B ENC scheme1 I. Annex a (of the report) D. Updates/resolutions of overlaps and gaps of ENC coverage1 I. Annex B (of the Report) A) Updates for addressing gaps in ENC Coverage B) Updates for eliminating overlaps in ENC Coverage E. Updates to arrangements with RENCS1 F. ENC On-line	Auditorium of IOP	ALL MS TECH COORD
12:40 - 12:50	7. MICC Work Plan for 2015	Auditorium of IOP	CHAIR
12:50 - 13:00	8. Any Other Business	Auditorium of IOP	CHAIR
13:00 - 13:00	9. Adjourn	Auditorium of IOP	CHAIR
13.00-14.00	Lunch.	Club Naval	



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14.00-17.00	Theoretical Training.	Auditorium of IOP and Municipal council hall	Several.
09:10 – 13.10	(The Modern Hydrographic Workflow: Much More Than Just Nautical Charts)	IOP Classroom 1	ESRI-QPS
	CARIS HIPS AND SIPS	IOP Classroom 2	CARIS
09:00 - 17.00	Exhibition of the Hydrographical Industry	Front yard of the IOP	Several
9:00 – 17:00	Exhibition of the Echo sounder	Hydrographic vessel 1	Kongsberg
		Hydrographic vessel 2	ODOM
		Hydrographic vessel 3	SEAPROD
		Hydrographic vessel 4	Geosurvey Mexicana, S. A. De C.V.
		Hydrographic vessel 5	VPR - Ingeniería
17.00	End of day one		
18:00- 20:00	Cultural activities, Mexican ballet night (ice break). (All delegates Smart Casual)	Garden city (Pez vela).	Host
DAY TWO OF MACHC15 Thursday, 11 December 2014 (Short sleeved navy whites/ Short sleeved wayabera/similar)			
08.00- 08.15	Introductions Participants will be invited to introduce themselves	Hotel Tesoro	Chair
08.15- 08.30	1.5 Approval of Agenda and timetable Doc: - MACHC15-01b Agenda and Timetable(Chair) Participants are invited to comment on the agenda and timetable in case updates are necessary. Agenda is considered and adopted.	Hotel Tesoro	Chair



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08.30- 08.45	<p>1.6- 1.7 List of documents/ Administrative Arrangements</p> <p>Docs: - MACHC15-01c List of Documents (Chair) - MACHC15-01d List of Participants (Chair)</p> <p>Documents are presented and updated as necessary, Logistic guidance and information</p>	Hotel Tesoro	Chair
08.45- 09.00	<p>2. Matters arising from Minutes of MACHC14 Meeting</p> <p>Docs: - MACHC15-02. Minutes of MACHC14 (Chair) Approval of the MACHC14 Minutes.</p> <p>3. MACHC 14 Action list review</p> <p>Docs: - MACHC15-03 Status of Action List from MACHC14 meeting (Chair). List of actions is reviewed and updated.</p> <p>4. MACHC Statutes</p> <p>Docs: - MACHC15.04 MACHC Statutes Discussion regarding MACHC Statutes</p> <p>4.1 Request from SVG for Associate Membership</p> <p>Docs: - MACHC 15.04.1 Letter SVG</p> <p>4.2 Mexico paper regarding Spanish as working language</p> <p>Docs: - MACHC 15.04.2 Mexico paper</p> <p>4.3 Invited Countries in the Region</p> <p>Docs: - MACHC 15.04.4 PPT invited Countries in the Region</p>	Hotel Tesoro	<p>Chair</p> <p>IHB</p> <p>Chair</p> <p>Mexico</p> <p>Chair</p>



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9.00- 10.00	<p>5. Feedback from other IHO bodies affecting MACHC</p> <p>5.1 IHB Report Doc: MACHC15-05.1 IHB Report (IHB) Report on status of approvals, C-55 inputs, IHO Yearbook inputs, development of GIS databases and the Extraordinary International Hydrographic Conference (EIHC5).</p> <p>5.2 IRCC6 Report Doc: MACHC15-05.2 IRCC6 Report (Chair) Report on IRCC6, including decisions affecting MACHC</p> <p>5.2.1. MACHC actions for IRCC7</p> <p>5.3 HSSC6 Report Doc: MACHC15-05.3 HSSC6 Report Report on HSSC6, including decisions affecting MACHC</p> <p>5.4 WENDWG Report Doc: MACHC15-05.4 WENDWG4 Report Report on WENDWG4, including decisions affecting MACHC</p> <p>5.5 Report IHO- EU network WG</p>	Hotel Tesoro	<p>IHB</p> <p>Chair</p> <p>Brazil</p> <p>John Nyberg NOAA USA (MICC Chair)</p> <p>France</p>
10.00- 10.30	Coffee Break	Hotel Tesoro	Host
10.30-12.30	Capacity Building Session	Main Room	Jeff Bryant (CB coordinator)
12.30- 13.30	Lunch	Hotel Tesoro	Host



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13.30- 15.30	6.1 Presentations/Papers	Hotel Tesoro	
13.30- 13.50	IHO Capacity Building: Industry contribution Docs: MACHC 6.1.1		Mr Gilbert Suarez
13.50- 14.10	Building a Hydrographic office from scratch Docs: MACHC 6.1.2		Mr Derrick Peyton
14.10- 14.30	Update on ENCs and RENC activities Docs: MACHC 6.1.3		Mr James Harper
14.30- 14.50	Presentation NOAA Docs: MACHC 6.1.4		Mr Antony Klemm
14.50- 15.10	Hydrography- integrated systems and platform Docs: MACHC 6.1.5		Mr J. Kristensen
15.10- 15.30	Presentation on the project of the Geodetic network of the Islands of the Caribbean sea Docs: MACHC 6.1.6		Dr. R. Ocampo Alcantar
15.30- 16.00	Coffee Break	Hotel Tesoro	Host



16.00- 17.50	<p>6.2 MACHC Activities in Relation to the IHO Work Programme</p> <p>6.2 Presentation of National Reports</p> <p>Docs:</p> <ul style="list-style-type: none">• MACHC15-06.2A National Report Antigua and Barbuda• MACHC15-06.2B National Report Barbados• MACHC15-06.2C National Report Brazil• MACHC15-06.2D National Report Colombia• MACHC15-06.2E National Report Cuba• MACHC15-06.2F National Report El Salvador• MACHC15-06.2G National Report France• MACHC15-06.2H National Report Guatemala• MACHC15-06.2I National Report Guyana• MACHC15-06.2J National Report Haiti• MACHC15-06.2K National Report Honduras• MACHC15-06.2L National Report Jamaica• MACHC15-06.2M National Report Mexico• MACHC15-06.2N National Report Netherlands• MACHC15-06.2O National Report Nicaragua• MACHC15-06.2Q National Report Saint Lucia• MACHC15-06.2R National Report St Kitts and Nevis• MACHC15-06.2S National Report Suriname• MACHC15-06.2T National Report Trinidad and Tobago• MACHC15-06.2U National Report United Kingdom• MACHC15-06.2V National Report United States of America• MACHC15-06.2W National Report Venezuela <p>Chair invites Members and Associate Members to summarize their reports briefly and present the key achievements, the challenges faced and lessons learned (maximum 5 minutes each). National reports to cover all the topics described in IHO Resolution 2/1997 (see MACHC CL 07/ 2014)</p>		
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17.50	End of day two		
19.00- 22.00	DINNER (All delegates Smart Casual)	Tesoro Hotel	Host
Time	DAY THREE OF MACHC15 Friday , 12 December 2014 (Short sleeved navy whites/ Short sleeved wayabera/similar)		
08.30- 9.00	6.2 Maritime Safety Information (MSI)	Hotel Tesoro	Mr Jim Rogers
08.30- 08.45	6.2.1 Maritime Watch (WWNWS)		
08.45- 09.00	6.3 Procedures in response to marine disasters The Commission discusses regional progress on the establishment of procedures and emergency contact details, based on the national reports and other relevant information		
09.00- 10.30	7 MACHC Committees and Working Groups	Hotel Tesoro	Host
09.00- 9.30	7.1 Marine Economic Infrastructure Programme Working Group (MEIP WG) Doc: MACHC15-07.1 MEIP Report (MEIP-WG) MEIP-WG Chair reports on MEIP developments and proposals followed by a discussion and consideration on the way ahead.		Mr Chris Thorne
09.30- 10.00	7.2 MACHC Integrated Charting Committee (MICC) Doc: MACHC15-07.2 MICC Report (MICC Chair) MICC Chair reports the developments and proposals followed by consideration by the Commission.		Mr John Nyberg
10.00- 10.30	Coffee Break	Hotel Tesoro	Host



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10.30- 11.00	<p>7.3 MACHC Capacity Building Coordination (CB) Docs: * MACHC15-07.3A CBSC12 Report (CB Coordinator) *MACHC15-07.3B CB Report (CB Coordinator) CB Coordinator reports on the outcome of CBSC12 and of the CB Session.</p>	Hotel Tesoro	Mr Jeff Bryant
11.00- 11.15	7.3.1 MACHC actions CBSC 13		Mr Jeff Bryant
11.15- 12.45	<p>8. Reports from Relevant International and Regional Organizations</p> <ul style="list-style-type: none"> • MACHC15-08A Comisión Centro Americana de Transporte Marítimo (COCATRAM) • MACHC15-08B International Association off Marine Aids to Navigation and lighthouse Authorities (IALA) • MACHC15-08C International Bathymetric Chart of the Caribbean Sea and the Gulf of Mexico (IBCCA) • MACHC15-08D International Maritime Organisation (IMO) • MACHC15-08E Organisation of Eastern Caribbean States (OECS) • MACHC15-08F Pan American Institute of Geography and History (PAIGH) <p>Chair invites the representatives of relevant International and Regional Organizations to present the key aspects of their reports. (maximum 15 minutes each)</p>	Hotel Tesoro	Organizations
12.45- 13.45	Lunch	Hotel Tesoro	Host



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13.45- 15.15	Continue Reports from Relevant International and Regional Organizations	Hotel Tesoro	Organizations
13.45- 14.00	<ul style="list-style-type: none"> MACHC15-08G Radio Technical Commission for Maritime Services (RTCM) 		
14.00- 14.15	<ul style="list-style-type: none"> MACHC15-08H Caribbean Shipping Association (CSA) 		
14.15- 14.30	<ul style="list-style-type: none"> MACHC 15- 08I Union of South American Nations (USAN) 		
14.30- 14.45	<ul style="list-style-type: none"> MACHC 15- 08J Caribbean Memorandum of Understanding (CMOU) 		
14.45- 15.00	<ul style="list-style-type: none"> MACHC 15- 08M International Centre for ENC's 		
15.00- 15.15	<ul style="list-style-type: none"> MACHC 15- 08N The Caribbean Community Secretariat <p>Chair invites the representatives of relevant International and Regional Organizations to present the key aspects of their reports. (maximum 15 minutes each)</p>		
15.15- 15.45	Coffee Break	Hotel Tesoro	Host
15.45- 16.00	Continue Reports from Relevant International and Regional Organizations	Hotel Tesoro	Organizations
	<ul style="list-style-type: none"> MACHC 15- 08O Panama Canal Authority <p>Chair invites the representatives of relevant International and Regional Organizations to present the key aspects of their reports. (maximum 15 minutes each)</p>		
16.00- 16.30	9 Satellite Derived Bathymetry (SDB)	Hotel Tesoro	
	9.1 UKHO Satellite Derived Bathymetry testing update		UK
	Docs: MACHC15-9.1 presentation on SDB		
	9.2 Satellite Derived Bathymetry		Mr. Thomas Heege
	Docs: MACHC15-9.2 overview presentation on SDB		
16.30- 16.50	10. Report of the Industry day		Mexico
16.50- 17.05	11. Report of 5EIH		IHB
17.05- 17.30	Coffee break	Hotel Tesoro	Host
17.30- 18.00	12. Blue Economy	Hotel Tesoro	
	End of the day 3		



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20.00- 22.00	DINNER “GRUPO VERACRUZANO” (All delegates Smart Casual)	La Fragata Room. Navy Facilities	Host
Time	DAY FOUR OF MACHC15 Saturday, 13 December 2014 (Short sleeved navy whites/ Short sleeved wayabera/similar)		
08.00- 08.15	13. Maritime Funding 13.1 Invited Organizations/ Financial Organizations Docs: MACHC 15-13.1	Hotel Tesoro	Chair/ IHB Chair
08.15- 08.30	14. Regional projects 14.1 INEGI presentation of the project Project to strengthening the spatial data infrastructure of the Caribbean	Hotel Tesoro	Mtro. Efraín Limonés García
08.30- 09.00	15. Any other business Discussion on any other business	Hotel Tesoro	All
09.00- 09.15	16. Date and venue of the next Meeting Decision on date and venue of the next meeting.	Hotel Tesoro	Chair
09.15- 09.30	17. Election of Chair and Vice Chair	Hotel Tesoro	Chair
09.30- 09.45	18. Review of the Actions and Decisions The participants will be provided with the draft action list within one month	Hotel Tesoro	Chair
09.45- 10.00	19. Incoming speech	Hotel Tesoro	New Chair
10.00.- 10.15	20 Outgoing speech/Closing remarks Closing remarks from the Chair	Hotel Tesoro	Chair
	END OF THE MEETING		