



MINISTERIO DE DEFENSA NACIONAL  
ARMADA NACIONAL



DIRECCIÓN GENERAL MARÍTIMA  
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SUBJECT: Official Invitation Extraordinary Meeting MACHC - November 2005

TO : **MEMBER AND ASSOCIATED COUNTRIES**  
Meso-American and Caribbean Regional Hydrographic Commission (MACHC)

Respectfully I address the members of the Meso-American and Caribbean Regional Hydrographic Commission (MACHC), in order to extend an official invitation to the next Extraordinary Meeting of the Committee, which will take through November 7<sup>th</sup> to 11<sup>th</sup> 2005, in the city of Veracruz – Mexico.

In this opportunity, prior to the Extraordinary Meeting of the Committee, an Electronic Nautical Charts Workshop is programmed. Annex the Agenda of the Meeting, which was consulted to the Members States and for facilities of organization, request nicely your fast confirmation of assistance to the following points of contact.

1. Servicio Hidrográfico de Colombia. Señor Capitán de Navío Carlos E. Tejada Vélez.  
E. Mail: [ctejada@dimar.mil.co](mailto:ctejada@dimar.mil.co) o [ncaro@dimar.mil.co](mailto:ncaro@dimar.mil.co) o al fax +57 1 2225152.
2. Servicio Hidrográfico de México. Teniente de Navío Raúl Méndez Escobedo.  
E. Mail: [hidromendez@gmail.com](mailto:hidromendez@gmail.com) o [digadhicar@semar.gob.mx](mailto:digadhicar@semar.gob.mx) a al fax +52 (55) 5679 8045.

Yours sincerely,

**ORIGINAL FIRMADO**

Rear Admiral **EDGAR AUGUSTO CELY NÚÑEZ**  
Chairman Meso-American and Caribbean  
Regional Hydrographic Commission MACHC

Annex: Agenda

**ELECTRONIC NAUTICAL CHARTS WORKSHOP  
Veracruz - México**

**7 - 8 November, 2005**

**PROVISIONAL AGENDA**

Monday 07

<b>TIME</b>	<b>SUBJECT</b>
08 : 00 08 : 30	INSCRIPTION
08 : 30 09 : 30	<p>OPENING</p> <p>Welcome: Mr. Captain Fernando Alfonso Angli Rodríguez – Mexico</p> <p>General vision of the Workshop: Mr. Captain Hugo Gorziglia – IHB</p> <p>Regional vision of the Seminar: Mr. Lieutenant Commander Rafael Ponce Urbina – Mexico (Methodology of the Workshop and designation of the Relator to elaborate the Memories)</p>
09 : 30 09 : 45	Official photo - Coffee break
09 : 45 10 : 30 10 : 30 11 : 15	<p>PRODUCTION OF INFORMATION FOR ELECTRONIC NAUTICAL CHARTS “Tools and Services”</p> <p>Mr. Derrick Peyton.</p> <p>Mr. Thor Svanes – C-MAP</p>
12 : 00 13 : 00	Lunch
13 : 00 13 : 45 13 : 45 14 : 30 14 : 30 15 : 15 15 : 15 15 : 45	<p>EMERGENT TECHNOLOGIES</p> <p>“Beam/Multibeam/Images - Past, Present and Future” Mr. Eric Villalobos - NAVOCEANO</p> <p>“Database – Bathymetry, Spatial Information, ORACLE, OGC, HPD” Mr. Ángel Terry - CARIS</p> <p>“Standards of Digital Information: Current and Planned – ENC, RNC, MIO, AML, S-57” Dr. Lee Alexander - UNH</p> <p>“Design, build and evaluation of a 3rd generation LIDAR system for coastal zone mapping and charting” Mr. Peter Hobson, Managing Director of Admiralty Coastal Surveys</p>

15 : 45 16 : 00	Coffee break
16 : 00 16 : 45 16 : 45 17 : 30 17 : 30 18 : 15	<p>DISTRIBUTION OF INFORMATION FOR ELECTRONIC NAUTICAL CHARTS</p> <p>“Commercial models and Directions - Generalities of the Markets” Mr. George Arts (Marine Press of Canada)</p> <p>“Cruise Line Industry Perspective” Capt. Dominico Rognogni – Carnival Cruise Lines</p> <p>“Nautical Charts RASTER” Mr. Tim Sullivan - MAPTECH</p>
20 : 00	Social event

Tuesday 08

<b>TIME</b>	<b>SUBJECT</b>
08 : 30 09 : 15 09 : 15 10 : 00 10 : 00 10 : 15	<p>DISTRIBUTION OF INFORMATION FOR ELECTRONIC NAUTICAL CHARTS (Cont....)</p> <p>“ENC's Regional Centers” Advisory of IC-ENC - United Kingdom</p> <p>“Experience of Mexico with IC-ENC” Mr. Lieutenant Commander Rafael Ponce Urbina – Mexico.</p> <p>“Challenges, opportunities and the future” Mr. Lieutenant Commander Rafael Ponce Urbina – Mexico.</p>
10 : 15 10 : 30	Coffee break
10 : 30 11 : 15 11 : 15 12 : 00	<p>SUMMARY ELECTRONIC NAUTICAL CHARTS</p> <p>Summary. Mr. Captain Hugo Gorziglia – IHB</p> <p>OTHERS</p> <p>Surveys in to Amazonas River of Peruvian. Ing. Fernando Lievano Mendoza</p>
12 : 00 13 : 00	Lunch

<p>13 : 00 14 : 30</p>	<p>INTERNATIONAL LAW OF THE SEA AND THE HYDROGRAPHY</p> <p>“CONVEMAR/UNCLOS – Current status, Problems and Initiatives” Mrs. Frida Armas - Pfirter – UN – Argentina Dr. Dave Monahan - UNH</p> <p>“Education - Requirements of the Industry, Trends, Directions and Opportunities” Mr. Dave Dodd y Charles Meador – University of Southern Mississippi.</p>
<p>14 : 30 14 : 45</p>	<p>Coffee break</p>
<p>14 : 45 15 : 30  15 : 30</p>	<p>WORKING GROUPS</p> <p>Group 1 :       Production of information for electronic nautical charts Group 2 :       Emergent technologies Group 3 :       Distribution of information for electronic nautical charts</p> <p>ROUND TABLE (Moderator: Mr. Captain Hugo Gorziglia – IHB)</p> <p>The representatives of three Groups (Emergent Technologies, Production information for ENC and Distribution of information for ENC) will have 15 minutes each one to expose the conclusions at which your Group was arriving.</p> <p>Discussion - Questions and Answers of the attendees.</p>
<p>16 : 00</p>	<p>CONCLUDE WORKSHOP</p>

#### CARTOGRAPHIC INTERNATIONAL EXHIBITION.

Stand's location: The exhibitions will be in a place where all the Members of the Commission get together for the rests and take coffee with the exhibitors. Exhibitors' participation: The suppliers might contribute with US 500 \$ dollars each one for the right to put his stand.

**EXTRAORDINARY MEETING OF THE  
MESOAMERICAN CARIBBEAN HYDROGRAPHIC COMMISSION  
MACHC**

**Veracruz - México  
9 - 10 November, 2005**

**PROVISIONAL AGENDA**

Wednesday 09

<b>TIME</b>	<b>SUBJECT</b>
08 : 00 08 : 30	INSCRIPTION
08 : 30 09 : 30	<p>OPENING</p> <p>Mr. Chairman of the Commission Rear Admiral Edgar Augusto Cely Núñez – Colombia. Mr. Captain Fernando Alfonso Angli Rodríguez – Mexico.</p> <ul style="list-style-type: none"> <li>• Verification of the Quorum.</li> <li>• Report of the Results of the Special Meeting realized in June, 2005</li> <li>• Report of advance of the Actions assigned to the President of the MACHC.</li> <li>• Current status of the Statutes of the MACHC Revised 2002.</li> <li>• Review and proposal of update of the organization of the Commission MACHC (to give consistent names and structure to the Committees, Subcommittees, Groups of Work)</li> <li>• Reading of the Proposal to the Extraordinary Meeting of the MACHC: <ul style="list-style-type: none"> <li>PRO 01 Proposed for the establishment of a Regional CBC.</li> <li>PRO 02 Proposed to extend the region MACHC up to the waters of Brazil.</li> <li>PRO 03 Proposed Revise the Statues of the MACHC.</li> <li>PRO 04 Proposed to raise the level of the Group of Work of Electronic Letter (ECWG) to Committee of Electronic Letter (ECC).</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>• Reading result of the voting's of the proposals</li> </ul>
09 : 30 09 : 45  09 : 45 10 : 00  10 : 00 10 : 15	<p>REFORMS OF THE IHO CONVENTION</p> <p>Current condition of the reforms to the IHO (Director IHB)</p> <p>Analysis of the regional position opposite to the topic (Chairman MACHC)</p> <p>Next Meeting of the SPWG in Mexico D. F. in December, 2005 - (Mexico)</p>
10 : 15 10 : 30	Descanso

	<b>ANALYSIS OF THE HYDROGRAPHIC CAPACITIES IN THE REGION</b>
10 : 30 10 : 45	New structure of the National Reports at the Hydrographic Regional Commissions
10 : 45 12 : 30	"Analysis and proposal of Creation of Hydrographic Capacities 2007-2012 in the Region ". Presentations of every country (15 minutes and in agreement to the questionnaire S-55) countries that offer some type of Capacities and countries that they need to receive Capacities
12 : 30 13 : 30	Lunch
13 : 30 16 : 30	Session of Work Group TG1 of the ECWG Group TG2 of the ECWG
16 : 30 16 : 45	Coffee break
	<b>MEETING COMMITTEE OF CHARTS INT</b>
16 : 45 17 : 30	"Chronogram of commitments and delivery of results "

Thursday 10

<b>TIME</b>	<b>SUBJECT</b>
08 : 30 09 : 15	REPORT OF THE ECWG – United States
09 : 15 09 : 45	REPORT AND RECOMMENDATIONS FOR ENC's DISTRIBUTION IN THE REGION - Venezuela
09 : 45 10 : 15	REPORT OF THE COMMITTEE OF CHARTS INT - Mexico
10 : 15 10 : 45	PRESENTATION OF NAVAREA AND GMDSS IN THE REGION - United States
10 : 45 11 : 00	Coffee break
11 : 00 11 : 45	ELABORATION OF A CARTOGRAPHIC NATIONAL PLAN - Mexico

11 : 45 12 : 15	TREATMENT OF THE PUBLICATION OF THE OHI S-55 - Regional – Colombia
12 : 15 13 : 00	PROPOSAL FOR THE CREATION OF A REGIONAL COMMITTEE OF CREATION OF CAPACITIES - Mexico
13 : 00 14 : 00	Lunch
14 : 00 14 : 20	PRESENTATION IPGH
14 : 20 15 : 00	READING OF RESULTS AND COMMITMENTS - President of the MACHC (Colombia) Selection of next date meeting of the MACHC, proposed of new President "Chronogram of commitments and delivery of results ".
15 : 00 16 : 00	Signature of the Act of the Meeting and Closing

Friday 11.

Tours planned in the City of Veracruz and Coctail of farewell