

MESOAMERICAN AND CARIBBEAN SEA HYDROGRAPHIC COMMISSION
10th Meeting, Bridgetown, Barbados, 03-06 November 2009

NATIONAL REPORT – Colombia

1. Hydrographic Office /Service:

Dirección General Marítima - DIMAR
Centro de Investigaciones Oceanográficas e Hidrográficas – CIOH

2. Surveys

Bahía Sapzurro
Islas de Rosario
Serranilla
Bahía de Santa Marta
Serrana y Roncador
Providencia

3. New charts and updates:

040 Península de la Guajira
228 Aproximación a Bahía Portete
229 Bahía Portete
412 Golfo de Uraba
605 Aproximación a Manaure

402 Punta Gallinas a Cabo Chichibacoa
404 Punta de la Cruz a Cabo de la Vela
261 Aproximación a la Bahía de Cartagena
263 Bahía interna de Cartagena
3007 Atlas de los mares y océanos colombianos

4. New Publications and updates

Libro de Geoformas submarinas del Caribe colombiano
Resumen Aviso a los navegantes 2008
Derrotero digital
Ayudas a la navegación

5. MSI

SERVICE	YES	NO	PARTIAL	NOTES
Local Warning	X			
Coastal Warnings	X			
Navarea Warnings	X			
Information on Ports and Harbours	X			Via NAVAREA XII Coordinator

GMDSS IMPLEMENTATION (IMO 970 – GMDSS Handbook)

SERVICE	YES	NO	PARTIAL	NOTES
Master plan		X		
A1 Area			X	
A2 Area			X	
A3 Area		X		
NAVTEX		X		
SafetyNET		X		

6. S-55. Last update in web IHO, June 8/2009

6.1 HYDROGRAPHICS SURVEYS

1.1 Status of hydrographic survey of all navigable waters, including internal waters, out to the limits of the EEZ:

Survey coverage, where:

A = percentage which is adequately surveyed.

B = percentage which requires re-survey at larger scale or to modern standards.

C = percentage which has never been systematically surveyed

	A	B	C
Depths < 200m	84	0	16
Depths > 200m	18	0	82

Amplifying information: The concept of EEZ is not applicable

6.2 NAUTICAL CHARTING

If do you have a nautical charting capability, complete the details below

2.1 Status of nautical charting within the limits of the EEZ

Coverage of charts published by your organization, where:

A = percentage covered by INT series, or a paper chart series meeting the standards in M-4.

B = percentage covered by Raster Navigational Charts (RNCs) meeting the standards in S-61.

C = percentage covered by ENC's meeting the standards in S-57.

Purpose/Scale	A		B		C
	INT	National series	INT	National series	
Offshore passage/Small	100		-		100
Landfall and Coastal passage/Medium	84		-		84
Approaches and Ports/Large	42		-		42

7. CAPACITY BUILDING

7.1 Training needed:

- Multibeam technology training
- Electronic Charting Training
- Submarine Topography Training
- Advanced Cartography training
- NAVTEX training
- Development of Printing by demand
- Development of Data Base Hydrography

7.2 Training and courses offered:

- Escuela Naval “Almirante Padilla”. www.escuelanaval.edu.co
Hydrographic Category A, Oceanography
- Escuela Naval de Suboficiales. ARC Barranquilla.
Hydrographic and Oceanography technology. www.escuelanavalsuboficiales.edu.co

7.3 Projects under development:

- Cartographic and hydrographic project 2010 apply to DIMAR
- Nautical route of Caribbean Colombian for sailing

8. OCEANOGRAPHIC ACTIVITIES

- Measurement of oceanographic parameters and marine meteorology
- Numerical modeling of oceanographic processes: of wave and presentation of virtual buoys; assessor in B and R operations; forecast pursuit spots hydrocarbons
- Oceanographic and marine meteorology forecast
- Studies and assessor in oceanographic subjects and coastal erosion
- Land reception satellites station GOES
- Directional wave buoys

9. OTHER ACTIVITIES

- Determination of DIMAR jurisdiction in the Colombian Caribbean
- Geomorphology and sedimentology of coasts
- Studies of circulation of currents and sediments
- Studies of winds and tides.
- Chairman of SEPHC
- Chairnan of IBCSEP
- Chairman IBCCA
- Member of CSPCWG

10. CONCLUSIONS

- Development of training program until 2015
- Cooperation of IHB and other intergovernmental organizations
- Development of video conference
- The Communication between members will be better.
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