



IHO'S STRUCTURE



- CONVENTION AND REGULATIONS
- INTERNATIONAL HYDROGRAPHIC CONFERENCE
- INTERNATIONAL HYDROGRAPHIC BUREAU
- REGIONAL HYDROGRAPHIC COMMISSIONS
- COMMITTEES, COMMISSIONS & WORKING GROUPS

5th FIG Regional Conference, Accra, GHANA, March 8-11, 2006

INTERNATIONAL HYDROGRAPHIC CONFERENCE 2002




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THE INTERNATIONAL HYDROGRAPHIC BUREAU (Monaco)



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IHO MEMBER STATES 76 until February 2006




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REGIONAL HYDROGRAPHIC COMMISSIONS




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COMMITTEES, COMMISSIONS & WORKING GROUPS



- + Commission on Promulgation of Radio Navigational Warnings
- + Legal Advisory Committee + Tidal Committee + Finance Committee
- + Committee on the Hydrographic Dictionary
- + Committee on Hydrographic Requirements for Information Systems
- + Worldwide Navigational Chart Data Base Committee
- + Working Group on Standards for Hydrographic Surveys
- + Manual on Hydrography Working Group
- + Strategic Planning Working Group
- + Capacity Building Committee
- + FIG-IHO-ICA International A.B.on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers
- + IHO-IAG-IOC Advisory Board on the Law of the Sea
- + GEBCO Guiding Committee and related Sub Committees
- + Harmonization Groups on ECDIS and Marine Information Objects

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INTERNATIONAL SCENARIO "RELEVANT ELEMENTS"



- 1985 UNCLOS
- 1998 UN Resolution A/53/32
- 2002 SOLAS V
- 2003 UN Resolution 58/240
- 2003 IMO Resolution 1958 (23)
- 2004 UN Resolution 59/24
- 2005 IMO MSC Circular 1179
- 2005 UN Resolution 60/30

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SOLAS V, REGULATION 9 (2002) « Hydrographic Services »



Contracting Governments undertake to arrange for the collection and compilation of hydrographic data and the publication, dissemination and keeping up to date of all nautical information necessary for safe navigation.

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2003 UN RESOLUTION 58/240



Encourages intensified efforts to build capacity for developing countries, in particular for the least developed countries and small island developing States, as well as coastal African States, to improve hydrographic services

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2004 UN RESOLUTION 59/24



... hydrographic surveys and nautical charting are critical tothe economics of the global shipping industry,.....

.....encourages intensified efforts to build capacity for developing countries,.....as well as coastal African States, to improve hydrographic services and the production of nautical charts.

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2005 IMO MSC CIRCULAR 1179



Member Governments, Parties to SOLAS' 74 as amended, are reminded of their obligations under the Provisions of regulation V/9 and are urged to take actions to remedy the situation.

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2005 UN RESOLUTION 60/30



" Encourages intensified efforts to build capacity for developing countries, in particular for the least developed countries and small islands developing States, as well as coastal African States, to improve hydrographic services and the production of nautical charts, including electronic charts, as well as the mobilization of resources and building capacity with the support from international financial institutions and the donor community."

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WORLD HYDROGRAPHY DAY



The United Nations,

"Welcomes the adoption by the International Hydrographic Organization of the "World Hydrography Day", to be celebrated annually on 21 June, with the aim of giving suitable publicity to its work at all levels and of increasing the coverage of hydrographic information on a global basis, and urges all States to work with that organization to promote safe navigation, especially in areas of international navigation, ports and where are vulnerable or protected marine areas. "

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RATIONALITY



All what has been detailed in this section constitutes the rationality under which the IHO is making a great effort in Capacity Building, especially oriented to the African States.

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IHO CAPACITY BUILDING EFFORTS



- Summary
- The Capacity Building Committee
- The IHO CB Work Programme
- The IHO Capacity Building Fund
- Capacity Building efforts in the Region.

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IHO CB COMMITTEE



- 1.- assess the status of hydrographic surveying, nautical charting and nautical information.
- 2.- cooperate with the IHB in the establishment of relationships with donors.
- 3.- cooperate with the RHCs in the creation of a Groups of Experts to carry out assessment studies.
- 4.- support the IHB in monitoring the assessment carried out and the identification of potential projects.
- 5.- cooperate with the IHB in the provision of advice to countries needing to implement SOLAS V, Rule 9.
- 6.- support the IHB in the preparation and keeping update of the Capacity Building Work Programme.

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IHO CB ACHIEVEMENTS



- 1.- Updating of Publication M-2 "Maritime National Policies and the Hydrographic Services".
- 2.- Agreed on an IHO definition for "Capacity Building".
- 3.- Develop of an IHO Capacity Building Strategy.
- 4.- Establishment of a Management Plan integrating all requirements, projects and initiatives organized by the RHCs.
- 5.- Approval of the IHO CB Work Program (2005/2007)
- 6.- Establishment of the IHO Capacity Building Fund.

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IHO CB WORK PROGRAM



Originally ... At the initiative of IHO and CBC Members

Now..... RHCs collect and evaluate needs presented by countries in their region, and submit a prioritized input to the Management Plan, including indication of funds requested.

CBC identifies global priorities and submits a WP for Member States' approval.

November each year, IHO approves the WP.

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IHO CAPACITY BUILDING FUND



- 1.- Technical Assistance
- 2.- Training and Education
- 3.- Financial Assistance
- 4.- Start-up Projects

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Capacity Building efforts in the Region



Technical Visits.

- a) East Atlantic Hydrographic Commission
- b) South African and Islands Hydrographic Commission

Technical Workshops

- a) East Atlantic Hydrographic Commission
- b) South African and Islands Hydrographic Commission

Seminar

- a) East Atlantic Hydrographic Commission

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SOME COMMENTS ON THE SEMINAR



Objective: raise awareness at governmental level of the importance of hydrography to safety of navigation and national economic development, and to explore initiatives of common regional interest.

Invitation: circulated 6th of May 2005 to 19 Countries, indicating that seminar was oriented "the key national person"

Attendance: despite of the positive reply received from 12 Countries, unfortunately only 6 finally attended.

Program: 3 days were focused on general aspects and 2 days focused on regional aspects, divided in "Regional Situation and Opportunities" and "Development of the basis for Regional Project(s)".

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REGIONAL ACADEMIC UNIT



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JUSTIFICATION



- 1.- Results of the assessment made.
- 2.- Few personnel trained abroad.
 - * Costs/Benefit
 - * Human resources availability
- 3.- High demand to manage hydrographic and related disciplines.
- 4.- Need to build a regional network of trained hydrographers and nautical cartographers.

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IHO STOCK



- 1.- FIG/IHO/ICA International Advisory Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers.
- 2.- IHO Member States.
- 3.- IHO Capacity Building Committee.

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CONCLUSIONS & RECOMMENDATIONS



- 1.- The IHO is fully complying with the request made by the United Nation as regard to the provision of **capacity building opportunities to the African Countries** in the region.
- 2.- **Governmental authorities** in the region should be aware and take advantage of the opportunities the IHO is offering, and should consider **assuring the establishment within their structures of a permanent contact point** with efficient communication facilities to keep contact and liase with the IHB.

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CONCLUSIONS & RECOMMENDATIONS



- 3.- The establishment of a regional hydro-cartographic and marine safety information **Regional Academic Unit** should be given consideration, as this initiative will certainly **contribute to improve the regional response to the obligations set by SOLAS.**
- 4.- Allocation of resources to improve hydro-cartographic and marine safety information services should be considered an **INVESTMENT** and not an **EXPENDITURE**, due to the socio economic impact on national and regional development.

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WE NEED TO MOVE
FROM
“**WORDS TO ACTIONS**”
IHO CAN HELP, BUT
NOTHING WILL HAPPEN
IF THERE IS NOT A STRONG
COMMITMENT AND
ACTIVE PARTICIPATION
FROM THE REGION.

THANKS

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