



IHB File No. S1/1001/WP-FO/592/10

CIRCULAR LETTER 82/2009
25 November 2009

IHO WORK PROGRAMME & BUDGET FOR 2010

- References:
- a) Decision No. 24 of the XVII IHC
 - b) Decision No. 32 of the XVII IHC
 - c) CL 64/2009 dated 25 September 2009
 - d) CL 53/2009 dated 31 July 2009

Dear Hydrographer,

1. Conference Decision 24 in reference a) approved the IHO Work Programme 2008-2012 and Conference Decision 32 in reference b) approved the IHO Five-Year Budget (2008-2012).
2. We thank those Member States who responded to the Circular Letter in reference c), all of whom have expressed their approval of the IHO WP and Budget for 2010. We particularly thank Bangladesh, who offered a comment on Capacity Building matters which will be passed on to the CBSC for consideration. Also we thank Canada and France for providing editorial suggestions to improve the text of a few tasks in the Work Programme. As we have not received any objections or other observations, we are pleased to provide you with the final version of the IHO Work Programme for 2010, updated as necessary with the latest information known to the IHB.
3. The proposed IHO Budget for 2010, as provided with the CL in reference d), has not been further modified and, therefore, is not attached herewith. The version provided with CL 53/2009 is the final IHO Budget for 2010.
4. These final versions will enter into force on 1st January 2010.

On behalf of the Directing Committee
Yours sincerely,

Captain Hugo GORZIGLIA
Director

Encls: - IHO Work Programme 2010 (Final Version)
- IHO Budget for 2010 (*NOTE: document not attached here as it is identical to the one distributed with CL 53/2009*)

**IHO WORK PROGRAMME 2010
FINAL VERSION**

ANNEX to CL 82/2009

TASK	TITLE	COMMENTS	Old Reference
	Programme 1 "Corporate Affairs"		
	Element 1.1 Co-operation with International Organizations		
1.1.1	United Nations (UN) (meeting)		Task 1.2.1
1.1.2	International Maritime Organization (IMO) (meetings)		Task 1.2.2
	* COMSAR		
	* NAV		
	* MSC		
	* TCC		
1.1.3	Intergovernmental Oceanographic Commission (IOC) * IOC Executive Council (meeting)		Task 1.2.3
1.1.4	International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) - e-Nav meetings - IALA Conference		Task 1.2.4
1.1.5	International Cartographic Association (ICA) (meeting)		Task 1.2.5
1.1.6	International Federation of Surveyors (FIG) (meeting)		Task 1.2.6
1.1.7	International Association of Ports and Harbors (IAPH) (meeting)		Task 1.2.7
1.1.8	International Organization for Standardization		Task 1.2.8
1.1.9	International Electro Technical Commission (IEC) (meeting)		Task 1.2.9
1.1.10	Antarctic Treaty Consultative Meetings (ATCM) (meeting)		Task 1.2.10
1.1.11	Pan American Institute of Geography and History (PAIGH) (meeting)		Task 1.2.11
1.1.12	Port Management Association West & Central Africa (PMAWCA) & Maritime Organization of West and Central Africa (MOWCA) (meetings)		Task 1.2.12
1.1.13	Council of Managers of National Antarctic Programs (COMNAP) (meeting)		Task 1.2.13
1.1.14	International Association of Antarctic Tour Operators (IAATO) (meeting)		Task 1.2.14

1.1.15	Scientific Committee on Antarctic Research (SCAR) (meeting)		Task 1.2.15
1.1.16	Other International Organizations.		Task 1.2.16
	* DGIWG (conference)		
	* GEO (meeting)		
	* European Union (meeting)		
	* JBGIS (meeting)		
	* CIRM (meeting)		
	* Association of Caribbean States (meeting)		
	Element 1.2 Information Management		
1.2.1	Maintenance and development of the IHO Web Site.		Task 4.1.1
1.2.2	Development and Maintenance of Web Map Services (e.g IMO Catalogue)		No number
1.2.3	Communications between the IHB and Member States through Circular Letters.		Task 4.1.2
1.2.4	IHO Publications.		Task 4.1.3
1.2.5	IHB Technical Library.		Task 4.1.4
	Element 1.3 Public Relations		
1.3.1	Relationship with the Government of Monaco and other authorities.		Task 4.2.1
1.3.2	World Hydrography Day		Task 4.2.2
1.3.3	Communication with Hydrographic Industry IHO Stakeholders' Forum in conjunction with HSSC-2		
1.3.4	Press Releases		Task 4.2.4
1.3.5	Delivery of papers about the IHO.		Task 4.2.5
1.3.6	Public Relations' support		Task 4.2.6
1.3.7	Publicity		Task 4.2.7
	Element 1.4 IHO		
1.4.1	New IHO Structure		Task 5.1.1
1.4.2	IHO Work Programme and Budget		Task 5.1.2
1.4.3	IHO Legal Advisory Working Group		Task 5.1.4
	Element 1.5 IHB		
1.5.1	IHB Administration		Task 5.2.1
1.5.2	IHB Staff Regulations		Task 5.2.2
1.5.3	IHB Translation Service		Task 5.2.3

1.5.4	IHB Finance Procedures		Task 5.2.4
1.5.5	IHB Procedural Manual for Permanent Activities		Task 5.2.5
1.5.6	Staff Training		Task 5.2.6
1.5.7	Maintenance		Task 5.2.7
1.5.8	Purchase of IT equipment, furniture and other equipment - routine PC software and hardware upgrades - furniture and other equipment		Task 5.2.8
1.5.9	Keep Removal Fund (Directors and applicable PAs)		Task 5.2.9
	Element 1.6 International Hydrographic Conferences		
1.6.1	XVIII IHC (or IHO Assembly in the event the Protocol of Amendment to the IHO Convention has entered into force)		Task 5.3.2
	Programme 2 "Hydrographic Services and Standards"		
TASK	Element 2.1 Meetings of the different related Sub-Committees and Working Groups		Old Reference
2.1.1	Hydrographic Services and Standards Committee (HSSC)	COMMENTS	Task 3.1.1
2.1.2	Transfer Standard Maintenance and Application Development Working Group (TSMAD)		Task 3.1.2
2.1.3	Chart Standardization and Paper Chart Working Group (CSPCWG)		Task 3.1.3
2.1.4	Digital Information Portrayal Working Group (DIPWG)		Task 3.1.4
2.1.5	Standardization of Nautical Publications Working Group (SNPWG)		Task 3.1.5
2.1.6	Data Protection Scheme Working Group (DPSWG)		Task 3.1.6
2.1.7	Hydrographic Dictionary W.G. (S-32)		Task 3.1.8
2.1.8	Tidal and Water Level Working Group (TWLWG)		Task 3.1.11
2.1.9	Advisory Board on the Law of the Sea (ABLOS)		Task 3.1.16
2.1.10	RENC's Joint Technical Experts Working Group (JTEWG)		Task 3.1.17
2.1.11	Data Quality Working Group (DQWG)		Task 3.1.19
2.1.12	ENC Updating Working Group (EUWG)		Task 3.1.20
2.1.13	MSDI Working Group (MSDIWG)		Task 3.5.2
	Element 2.2 Hydrographic Surveying		
2.2.1	Manual on Hydrography		Task 3.2.2
2.2.2	Hydrographic Dictionary (HD)		Task 3.2.3

2.2.3	Tidal and Water Level W.G. Publications		Task 3.2.4
2.2.4	Hydrographic Publications (for which there is no specific body in charge)		Task 3.2.5
	Element 2.3 Nautical Cartography		
2.3.1	Nautical Publications		Task 3.3.1
2.3.2	Digital Data Protection		Task 3.3.2
2.3.3	Liaison and cooperation with other organizations		Task 3.3.3
2.3.4	ENC Production, Distribution and Update		Task 3.3.4
2.3.5	INT Chart Series		Task 3.3.5
	Element 2.4 Data for Geomatics Application		
2.4.1	Development of Standards. - Meeting - ISO TC211 - Meeting - DGIWG - S-101 User Requirements workshop - ICA Spatial Standards commission		Task 3.5.1
2.4.2	Maritime Spatial Data Infrastructures		Task 3.5.2
	Element 2.5 Technical Aspects of the Law of the Sea		
2.5.1	ABLOS Conferences		Task 3.6.1
2.5.2	Technical Aspects of the Law of the Sea Manual (TALOS Manual)		Task 3.6.2
2.5.3	TALOS Technical Assistance		Task 3.6.3



Programme 3 " Inter Regional Coordination and Support"

TASK	Element 3.1 Co-operation with Member States		Old Reference
3.1.1	Nordic Hydrographic Commission (NHC) (meeting)	COMMENTS	Task 1.1.1
3.1.2	North Sea Hydrographic Commission (NSHC) (meeting)		Task 1.1.2
3.1.3	East Asia Hydrographic Commission (EAHC) (coordination meeting)		Task 1.1.3
3.1.4	US /Canada Hydrographic Commission (USCHC) (meeting)		Task 1.1.4
3.1.6	Baltic Sea Hydrographic Commission (BSHC) (meeting)		Task 1.1.6
3.1.7	Eastern Atlantic Hydrographic Commission (EAHC) (meeting)		Task 1.1.7

3.1.8	South East Pacific Hydrographic Commission (SEPHC) (meeting)		Task 1.1.8
3.1.9	South West Pacific Hydrographic Commission (SWPHC) (meeting)		Task 1.1.9
3.1.10	Meso American and Caribbean Hydrographic Commission (MACHC) (meeting)		Task 1.1.10
3.1.12	ROPME Sea Area Hydrographic Commission (RSAHC) (meeting)		Task 1.1.12
3.1.13	North Indian Ocean Hydrographic Commission (NIOHC) (meeting)		Task 1.1.13
3.1.14	South West Atlantic Hydrographic Commission (SWAtHC) (meeting)		Task 1.1.14
3.1.15	Hydrographic Commission on Antarctica (HCA) (meeting)		Task 1.1.15
3.1.16	Inter Regional Coordinating Committee (IRCC2) (Second meeting)		Task 1.1.16
3.1.17	WEND Working Group (meeting, if established and required)		Task 3.1.12
3.1.18	RHCs to work for completion of adequate ENC coverage by 31DEC2010		Task 1.1.18
3.1.19	RHCs to work for completion of adequate ENC coverage schemes by 31DEC2010		Task 1.1.19
3.1.20	RHCs and the Hydrographic Industrial Sector.		Task 1.1.20
	Element 3.2 Co-operation with non-Member States		
3.2.1	Eastern Atlantic Hydrographic Commission. Execute strategy to increase participation of Non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.		Task 1.3.1
3.2.2	South West Pacific Hydrographic Commission. Execute strategy to increase participation of Non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.		Task 1.3.2
3.2.3	MesoAmerican & Caribbean Hydrographic Commission. Execute strategy to increase participation of Non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.		Task 1.3.3

3.2.4	Southern Africa and Islands Hydrographic Commission. Execute strategy to increase participation of Non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.		Task 1.3.4
3.2.5	ROPME Sea Area Hydrographic Commission. Comply SOLAS V and participate at RHC meetings.		Task 1.3.5
3.2.6	North Indian Ocean Hydrographic Commission. Execute strategy to increase participation of Non-member States in IHO activities.		Task 1.3.6
3.2.7	Mediterranean and Black Seas Hydrographic Commission. Execute strategy to increase participation of Non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.		Task 1.3.8
Element 3.3 Capacity Building Management			
3.3.1	IHO Capacity Building Sub-Committee (IHOCBSC)		Task 2.1.1
3.3.2	Capacity Building Fund (CBFund)		Task 2.1.2
3.3.3	Meetings with other organizations, funding agencies, private sector and academia.		Task 2.1.3
3.3.4	IHO Capacity Building Strategy		Task 2.1.4
3.3.5	Capacity Building Work Programme (CBWP)		Task 2.1.5
3.3.6	Follow-up of CB activities and initiatives. Continue the development of procedures.		Task 2.1.6
3.3.7	Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IB)		Task 2.1.7
3.3.8	Hydrographic and Nautical Cartographic Training.		Task 2.1.8
Element 3.4 Capacity Building Assessment			
3.4.1	Technical and Advisory Visits. (General support to be provided by IHB general budget)		Task 2.2.1
	MBSHC (Syria, Libya and Israel)		
	EAtHC (follow up mission to Gabon, Cameroon and Guinea Bissau)		
	EAHC (probably Brunei or Cambodia)		
3.4.2	C-55 Status of Hydrographic Surveying and Nautical Charting Worldwide		Task 2.2.2

3.4.3	Assessment procedures (To continue the development)		Task 2.2.3
	Element 3.5 Capacity Building Provision		
3.5.1	Raise Awareness on the Importance of Hydrography. Support this general IHO task whenever technical visits are conducted.		Task 2.3.1
3.5.2	Technical Workshops, Seminars, Short Courses		Task 2.3.2
	* Marine cartography and ENC production and QA EAHC		
	* Technical aspects of maritime boundaries, baselines and the extended continental shelf EAHC		
	* Workshop on Port and Shallow Water Surveys (SAIHC, NIOHC All countries). This is one event that will benefit both RHCs.		
	* MSI Regional Workshop SAIHC		
	* Survey Attachment On the Job Training SAIHC		
	* Workshop on Port and Shallow Water Surveys (MACHC, SEPHC and SWAtHC all countries). This is one event that will benefit the three RHCs.		
	* MSI Regional Workshop SWPHC (in joint cooperation with TCC of IMO to be confirmed by IMO)		
	* Regional Hydrographic Survey & Nautical Cartographic Course SWPHC		
	* Gulf of Honduras MACHC		
	* First module of CAT B Marine Cartography training course provided by UKHO, to be offered by CL to all.		
	2-weeks Regional Training Course on Basic ENC and ENC Production (MACHC) (in joint cooperation with TCC of IMO, to be confirmed by IMO)		
3.5.3	Hydrographic and Nautical Cartography Courses		Task 2.3.3
3.5.4	On the Job Training (ashore / on board)		Task 2.3.4
3.5.5	Marine/Maritime Projects		Task 2.3.5
	* MEH Project (Malacca Strait)		
	* Marine Highway Development (Western IO)		
	* Safety of Navigation on Lake Victoria		
	* Marine Highway Development (Western Mediterranean Sea)		
3.5.6	Bilateral agreements		Task 2.3.6

	Element 3.6 Marine Safety Information		
3.6.1	World-Wide Navigational Warning Service Sub-Committee (WWNWSSC) (meeting)		Task 3.1.9
3.6.2	WWNWS Expansion and Coverage.		Task 3.4.1
3.6.3	NAVAREA Coordinators		Task 3.4.2
3.6.4	WWNWS Publications		Task 3.4.3
	Element 3.7 Ocean Mapping Programme		
3.7.1	GEBCO Guiding Committee (meeting)		Task 3.1.13
3.7.2	GEBCO Technical Sub-Committee on Ocean Mapping (GEBCO TSCOM) (Meeting)		Task 3.1.14
3.7.3	GEBCO Sub-Committee on Undersea Feature Names (GEBCO SCUFN) (Meeting)		Task 3.1.15
3.7.4	Shallow Water Bathymetry		Task 3.7.1
3.7.5	Bathymetric Data Integration		Task 3.7.2
3.7.6	Maps and Digital Grids		Task 3.7.3
3.7.7	New Products		Task 3.7.4
3.7.8	Global Education		Task 3.7.5
3.7.9	IHO Digital Bathymetry Data Center		Task 3.7.6
3.7.10	IBC Projects		Task 3.7.7
3.7.11	GEBCO Publications		Task 3.7.8

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