

**INTERNATIONAL HYDROGRAPHIC
ORGANIZATION**



**ORGANISATION HYDROGRAPHIQUE
INTERNATIONALE**

IHB File N° S1/1001/WP-FO/592/12

**CIRCULAR LETTER 77/2011
2 December 2011**

IHO WORK PROGRAMME & BUDGET FOR 2012

References: a) Decision No. 24 of the XVII IHC
b) Decision No. 32 of the XVII IHC
c) CL 60/2011 dated 28 September 2011
d) CL 45/2011 dated 29 July 2011

Dear Hydrographer,

1. The Conference Decision 24 in reference a) above 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 41 Member States who responded to the Circular Letter in reference c), and in particular Finland, France, Portugal and the Republic of Korea for having made comments to improve and update the original text. All Member States have approved the IHO WP and Budget for 2012. As we have not received any objections, we are pleased to provide you with the final version of the IHO Work Programme for 2012, updated as necessary with the latest information known to the IHB.
3. The proposed IHO Budget for 2012, as provided with the CL in reference d), has not been further modified and, therefore, is not attached herewith. The version provided with CL 45/2011 is the final IHO Budget for 2012.
4. These final versions will enter into force on 1st January 2012.

On behalf of the Directing Committee
Yours sincerely,

Captain Hugo GORZIGLIA
Director

Encls: - IHO Work Programme 2012 (Final Version)
- IHO Budget for 2012 (NOTE: document not attached here as it is identical to the one distributed with CL 45/2011)

TASK	TITLE	COMMENTS	5-y WP Task	Strategic Direction	Performance Indicator
Programme 1 "Corporate Affairs"					
Element 1.1 Co-operation with International Organizations and participation in relevant meetings				1.2,1.3, 3.3,4.1	SPI1,4,5,6,WPI6,7,8,3 4,36
1.1.1	ATCM - Antarctic Treaty Consultative Meetings		1.2.10		
1.1.2	COMNAP - Council of Managers of National Antarctic Programs	no expenditure anticipated in 2012	1.2.13		
1.1.3	FIG - International Federation of Surveyors	no expenditure anticipated in 2012	1.2.6		
1.1.4	GEO - Group on Earth Observations		1.2.16		
1.1.5	IALA - International Association of Marine Aids to Navigation and Lighthouses Authorities:		1.2.4		
1.1.5a	- Interorganizational liaison				
1.1.5b	- Arctic coordination				
1.1.5c	- e-Nav committee				
1.1.5d	- IALA VTS Conf				
1.1.6	IAPH - International Association of Ports and Harbors	only if required (unlikely)	1.2.7		
1.1.7	IAATO - International Association of Antarctic Tour Operators	no expenditure anticipated in 2012	1.2.14		
1.1.8	ICA - International Cartographic Association		1.2.5		
1.1.8a	- Conference	no expenditure anticipated in 2012			
1.1.8b	- Standards Commission				
1.1.9	IEC - International Electro Technical Commission	no expenditure anticipated in 2012	1.2.9		
1.1.10	IMO - International Maritime Organization:		1.2.2		
1.1.10a	- ASSEMBLY	no expenditure anticipated in 2012			
1.1.10b	- COMSAR				
1.1.10c	- MSC				
1.1.10d	- NAV				
1.1.10e	- TCC				
1.1.11	IOC - Intergovernmental Oceanographic Commission		1.2.3		
1.1.11a	- Executive Council				
1.1.11b	- GLOSS Group of Experts	no expenditure anticipated in 2012			
1.1.12	ISO - International Standardization Organization		1.2.8		
1.1.13	PAIGH - Pan American Institute of Geography and History	no expenditure anticipated in 2012	1.2.11		
1.1.14	PMAWCA - MOCWA - Port Management Association West & Central Africa & Maritime Organizations of West		1.2.12		
1.1.15	SCAR - Scientific Committee on Antarctic Research	no expenditure anticipated in 2012	1.2.15		
1.1.16	UN - United Nations		1.2.1		
1.1.16a	- UNICPOLOS - UN open-ended Informal Consultative Process on the Law of the Sea	no expenditure anticipated in 2012			
1.1.16b	- GGIM - proposed UN Committee of Experts on Global Geographic Information Management				
1.1.17	Other International Organizations		1.2.1		
1.1.17a	- CIRM		1.2.1		
1.1.17b	- European Union	INSPIRE BLAST e-Nav Underway Conference	1.2.16		
1.1.17c	- Global SDI Association		1.2.1		
1.1.17d	- IMPA - International Maritime Pilots Assoc		1.2.1		
1.1.17e	- NATO DGIWG		1.2.1		
Element 1.2 Information Management				1.1,2.1, 2.6	SPI2,6,WPI1,2,3,4,5,15, 16,17,18,30
1.2.1	Development and Maintenance of the IHO Web Site	no expenditure anticipated in 2012	4.1.1		
1.2.2	Communication between the IHB and Member States through Circular Letters.	no expenditure anticipated in 2012	4.1.2		
1.2.3	IHO Publications - production, editing		4.1.3		
1.2.4	Hydrographic Publications for which there is no specific body in charge - M12, S-23, S-60, etc.		3.2.5		
1.2.5	IHB Technical Library		4.1.4		
Element 1.3 Public Relations				1.3, 3.3, 3.4	SPI1,4,5,6,WPI8, 34,35,36
1.3.1	Relationship with the Government of Monaco and other Diplomatic Missions.	no expenditure anticipated in 2012	4.2.1 4.2.5		
1.3.2	World Hydrography Day		4.2.2		
1.3.3	Outreach to IHO Stakeholders:		4.2.3 4.2.5		
1.3.3a	- presentation of papers at conferences, etc	Shallow Survey Conference N.Z.			
1.3.3a	- presentation of papers at conferences, etc	Hydro 2012			
1.3.3a	- presentation of papers at conferences, etc	CHC			
1.3.3b	- Biennial IHO stakeholders' briefing	no expenditure anticipated in 2012			
1.3.4	Public Relations support		4.2.6		
1.3.5	Journal articles & Int. Hydrographic Review production		4.2.7		
Element 1.4 IHO				1.1, 3.4, 4.1	SPI1,4,4bis,6,WPI1,2,3, 4,5,24,25,26, 27,31,32
1.4.1	New IHO Structure.	no expenditure anticipated in 2012	5.1.1		
1.4.2	IHO Work Programme and Budget.	no expenditure anticipated in 2012	5.1.2 5.2.9		
1.4.3	IHO Strategic Plan and Performance Monitoring		5.1.3		
1.4.4	S-63 Scheme Administrator and S-63 support		3.3.2		

TASK	TITLE	COMMENTS	5-y WP Task	Strategic Direction	Performance Indicator
Element 1.5 IHB Management				1.1	SPI6,WPI2,4,5
1.5.1	IHB Administration.	no expenditure anticipated in 2012	5.2.1		
1.5.2	IHB Staff Regulations.	no expenditure anticipated in 2012	5.2.2		
1.5.3	IHB Translation Service.		5.2.3		
1.5.4	IHB Finance Procedures.	no expenditure anticipated in 2012	5.2.4		
1.5.5	IHB Procedural Manual for Permanent Activities	no expenditure anticipated in 2012	5.2.5		
1.5.6	Staff Training		5.2.6		
1.5.7	Maintenance of the IHB premises		5.2.7		
1.5.8	Purchase of office equipment				
1.5.8a	- routine computer hardware and software upgrades		5.2.8		
1.5.8b	- furniture and other equipment				
Element 1.6 International Hydrographic Conference				1.1, 4.1	SPI1,6,WPI1,36
1.6.1	XVIII IHC (or IHO Assembly in the event the Protocol of Amendments to the IHO Convention has entered into force)	covered by Conference Fund	5.3.2		
Programme 2 "Hydrographic Services and Standards"					
Element 2.1 HSSC				1.3,1.4	SPI2,4,5,7,WPI8,9,10,11
2.1.1	Hydrographic Services and Standards Committee (HSSC)		3.1.1		
2.1.2	Develop S-100 and MSDI standards		3.5.1		
2.1.3	Nautical Publications development - S4, S11, S52, S57, S100, S101, S10n, INT1,2,3		3.3.1		
2.1.4	Coresponding Group: Development of a standard to calculate the length of State coastline.		New		
Element 2.2 ABLOS				1.5, 4.4	SPI1,4,WPI3,41
2.2.1	ABLOS - Advisory Board on the Law of the Sea		3.1.16		
2.2.2	Technical Aspects of the Law of the Sea Manual (TALOS Manual)		3.6.2		
2.2.3	TALOS Technical Assistance	no expenditure anticipated in 2012	3.6.3		
Element 2.3 CSPCWG				1,4	SPI5,WPI9,10,11
2.3.1	CSPCWG - Chart Standardization and Paper Chart Working Group		3.1.3		
Element 2.4 DIPWG				1,4	SPI5,WPI9,10,11
2.4.1	DIPWG - Digital Information Portrayal Working Group		3.1.4		
Element 2.5 DPSWG				1,4	SPI5,WPI9,10,11
2.5.1	DPSWG - Data Protection Scheme Working Group		3.1.6		
Element 2.6 DQWG				1,4	SPI5,WPI9,10,11
2.6.1	DQWG - Data Quality Working Group		3.1.19		
Element 2.7 EUWG				1,4	SPI5,WPI9,10,11
2.7.1	EUWG - ENC Updating Working Group	no meeting planned	3.1.20		
Element 2.8 HDWG				1,4	SPI5,WPI9,10,11
2.8.1	HDWG - Hydrographic Dictionary WG		3.1.8		
2.8.2	Hydrographic Dictionary (S-32)	no expenditure anticipated in 2012	3.2.3		
Element 2.9 MSDIWG				2.5, 4.2	SPH1,2,WP28,29,39
2.9.1	MSDIWG - Marine Spatial Data Infrastructures WG		3.5.2		
Element 2.10 SNPWG				1,4	SPI5,WPI9,10,11
2.10.1	SNPWG - Standardization of Nautical Publications Working Group		3.1.5		
Element 2.11 TSMAD				1,4	SPI5,WPI9,10,11
2.11.1	TSMAD 23- Transfer Standard Maintenance and Application Development Working Group		3.1.2		
2.11.1	TSMAD 24- Transfer Standard Maintenance and Application Development Working Group		3.1.2		
2.11.1	TSMAD 25 - Transfer Standard Maintenance and Application Development Working Group		3.1.2		
2.11.2	S-101 User Requirements workshop		3.1.2		
Element 2.12 TWLWG				1.4, 1.5	SPI5,WPI9,10,11, 12
2.12.1	TWLWG - Tidal and Water Level Working Group		3.1.11		
2.12.2	Tidal and Water Level WG Publications	no expenditure anticipated in 2012	3.2.4		
Element 2.13 ENC Quality - Technical Support				1.4, 1.5	SPI5,WPI9,10,11, 12
2.13.1	Primar / IC-ENC JTWG		3.1.12 3.3.4		
Programme 3 " Inter Regional Coordination and Support"					
Element 3.0 IRCC				1.3.2.1,2.2	SPI2,4,5,7,8,WPI8,15,16,17,18,19,20, 21,22
3.0.0	Inter Regional Coordinating Committee.	A) Organize, prepare and conduct IRCC4 in conjunction with the CBSC Meeting, on the first week of June, venue to be decided, hosted by UK. B) Report to the XVIII IHC. C) Provide advice to IHB to review the implementation of the new planning mechanism at the end of annual cycle in 2012. D) Produce IRCC Annual Report for 2011. E) Update and implement the IRCC Work Programme.	1.1.16		
Element 3.1 Co-operation with Member States and attendance at relevant meetings				2,2	SPI8,WPI19,20,21,22
3.1.1	ARHC - Arctic Region Hydrographic Commission	To be completed after ARHC2 (27-29 Sept. 2011).	new		
3.1.2	BSHC - Baltic Sea Hydrographic Commission	To be completed after BSHC16 (20-21 Sept. 2011).	1.1.6		
3.1.3	EAHC - East Asia Hydrographic Commission	Organize, prepare and conduct : - 6th EAHC Coordinating Meeting - 8th EAHC ENC Task Group Meeting - 9th EAHC ENC Task Group Meeting - 11th EAHC Conference	1.1.3		
3.1.4	EAtHC - Eastern Atlantic Hydrographic Commission	Organize, prepare and conduct the 12th EAtHC Conference.	1.1.7		

TASK	TITLE	COMMENTS	5-y WP Task	Strategic Direction	Performance Indicator
3.1.5	MACHC - Meso American and Caribbean Hydrographic Commission	<i>To be completed after MACHC 12 (5-8 Dec. 2011).</i>	1.1.10		
3.1.6	NHC - Nordic Hydrographic Commission	Organize, prepare and conduct 56 th NHC Conference.	1.1.1		
3.1.7	NIOHC - North Indian Ocean Hydrographic Commission	Organize, prepare and conduct 12 th NIOHC Conference.	1.1.13		
3.1.8	NSHC - North Sea Hydrographic Commission	Organize, prepare and conduct 30 th NSHC Conference.	1.1.2		
3.1.9	SWATHC - South West Atlantic Hydrographic Commission	Organize, prepare and conduct 6 th SWATHC Conference.	1.1.14		
3.1.10	SWPHC - South West Pacific Hydrographic Commission	Organize, prepare and conduct 11 th SWPHC Conference.	1.1.9		
3.1.11	USCHC - USA and Canada Hydrographic Commission	Organize, prepare and conduct 35 th USCHC Conference.	1.1.4		
3.1.12	SAIHC - Southern Africa and Islands Hydrographic Commission	Organize, prepare and conduct 9 th SAIHC Conference.	1.1.11		
3.1.13	HCA - Hydrographic Commission on Antarctica	<i>To be completed after HCA 11 (5-7 Oct. 2011).</i>	1.1.15		
3.1.14	RHCs to work for completion of adequate ENC coverage by 31 Dec 2010	To be completed after WEND WG 1 (13-14 Oct. 2011). No expenditure anticipated in 2012	1.1.18 1.1.19		SPI 1,2 & 8
3.1.15	Industry participation in RHC meetings	To be considered on a case by case basis in conjunction with tasks 3.1.1 to 3.1.12. No expenditure anticipated in 2012	1.1.20		
Element 3.2 Increase Participation by non-Member States				2,2,2,3,4,3	SPI4,7,8,WPI19,20,21,22,23,24,25,40
3.2.1	EAtHC - Execute strategy to increase participation of Non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.	A) Contact pending applicants in the region to encourage the ratification of the IHO Convention. B) Contact suspended Member States in the region to encourage their re-insertion in IHO. No expenditure anticipated in 2012	1.3.1		SPI 7
3.2.2	MACHC - Execute strategy to increase participation of non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.	Contact suspended Member States in the region to encourage their re-insertion in IHO. To be considered in conjunction with tasks 3.1.4. No expenditure anticipated in 2012	1.3.3		SPI 7
3.2.3	MBSHC - Execute strategy to increase participation of non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.	A) Contact pending applicants in the region to encourage the ratification of the IHO Convention. No expenditure anticipated in 2012	1.3.8		SPI 7
3.2.4	NIOHC - Execute strategy to increase participation of non-member States in IHO activities.	To be considered in conjunction with tasks 3.1.6, 3.4.1b and 3.4.1c. No expenditure anticipated in 2012	1.3.6		SPI 7
3.2.5	RSABC - Comply SOLAS V and participate at RHC meetings.	To be considered in conjunction with tasks 3.4.1d and 3.4.1e. No expenditure anticipated in 2012	1.3.5		SPI 7
3.2.6	SAIHC - Execute strategy to increase participation of non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.	A) Conduct technical visits. B) Distribute IHO Circular Letters dealing with training opportunities. C) Conducting annual meetings instead of bi-annual. No expenditure anticipated in 2012	1.3.4		SPI 7
3.2.7	SWPHC - Execute strategy to increase participation of non-member States in IHO activities. Comply SOLAS V and participate at RHC meetings.	To be considered in conjunction with tasks 3.1.8, 3.4.1f and 3.4.1g. No expenditure anticipated in 2012	1.3.2		SPI 7
3.2.8	EAHC - Execute strategy to increase participation of Non-member States in IHO activities. Comply SOLAS V, participate at RHC meetings and host RHC CB activities.	No expenditure anticipated in 2012	NEW		SPI 7
3.2.9	SWATHC - Execute strategy to increase participation of Non-member States in IHO activities.	Finalize membership of Bolivia. To be considered in conjunction with tasks 3.1.7. No expenditure anticipated in 2012	NEW		SPI 7
3.2.10	RHCs to encourage the approval of pending application for IHO membership.	Notification of approval within 12 months of the application. No expenditure anticipated in 2012	NEW		SPI 7
Element 3.3 Capacity Building Management				1,3,2,3,3,3,4,4	SPI1,4,4bis,5,8, WPI8,23,24,25,34,41,42,43
3.3.1	CBSC - IHO Capacity Building Sub-Committee	A) Prepare and conduct CBSC10. B) Update and implement the CBSC Work Programme. C) Report to the XVIII IHC.	2.1.1		SPI 4 & 4bis
3.3.2	Capacity Building Fund (CBFund) Management.	Set and implement goal for 2012 Budget. No expenditure anticipated in 2012	2.1.2		
3.3.3	Meetings with other organizations, funding agencies, private sector and academia.	Prepare and participate at IHO/IOC/IMO/IALA/WMO Capacity Building Meeting.	2.1.3		
3.3.4	IHO Capacity Building Strategy	As required.	2.1.4		
3.3.5	Capacity Building Work Program	Included in task 3.3.1. No expenditure anticipated in 2012	2.1.5		
3.3.6	Follow-up of CB activities and initiatives. Continue the development of procedures.	As required.. No expenditure anticipated in 2012	2.1.6		
3.3.7	IBSC - International board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers	A) Prepare and conduct IBSC35. B) Update and implement the IBSC Work Programme. B) Report to the XVIII IHC.	2.1.7		
3.3.8	Provide guidance to training institutions	As required.. No expenditure anticipated in 2012	2.1.8		
3.3.9	IBSC Publications (C6, C47, S5, S8)	As required.			
Element 3.4 Capacity Building Assessment				1,1,2,1,2,4,3,4	SPI1,2,4,6,7,WPI4,15,16,17,18,26,27,35
3.4.1	Technical and Advisory Visits	According to CBSC Work Programme. A) organize, prepare and conduct technical visits. B) Produce visit reports for delivery to Recipient Countries and IHB.			
3.4.1a	Technical Assessment & Advice Visit – Guyana and Dominican Republic. (MACHC)	CBFUND			

TASK	TITLE	COMMENTS	5-y WP Task	Strategic Direction	Performance Indicator
3.4.1b	Technical advisory & Assessment Visit – Bangladesh and Sri Lanka (NIOHC)	CBFUND	2.2.1		
3.4.1c	Technical advisory & Assessment Visit – Mauritius and Seychelles. (NIOHC)	CBFUND			
3.4.1.d	Technical visit to maritime authorities - Bahrain & Qatar. (RSAHC)	CBFUND			
3.4.1.e	Technical visit to governmental authorities - Kuwait. (RSAHC)	CBFUND			
3.4.1.f	Technical visit to the Solomon Islands to facilitate National Hydrographic Requirements. (SWPHC)	CBFUND			
3.4.1.g	Technical visit to Cook Islands to facilitate National Hydrographic Requirements. (SWPHC)	CBFUND			
3.4.1.h	Technical visit to Uganda, Tanzania, Kenya, Mozambique, Angola (SAIHC)	CBFUND			
3.4.2	Review existing CB procedures and develop new ones.	As required. No expenditure anticipated in 2012		2.2.3	
Element 3.5 Capacity Building Provision				1.1,2,4,3,2,3,3,4.3, 4.4	SPI1,4,6,7,8,WPI4,26,27,33,34,40,41,42,43
3.5.1	Raise Awareness on the Importance of Hydrography	According to CBSC Work Programme	2.3.1		
3.5.2	Technical Workshops, Seminars, Short Courses.	According to CBSC Work Programme. A) Organize, prepare and conduct sessions. B) Produce assessment reports for delivery to CBSC and IHB.	2.3.2		
3.5.2a	Database design and management (EAHC)	CBFUND			
3.5.2b	Technical aspects of maritime boundaries, baselines and the extended continental shelf (EAHC)	CBFUND			
3.5.2c	Tides and water level for hydrographic survey (EAHC)	CBFUND			
3.5.2d	Seabed classification (EAHC)	CBFUND			
3.5.2e	Development of a Regional Marine Spatial Data Infrastructure (MSDI) Workshop (NIOHC and SAIHC).	CBFUND			
3.5.2f	Technical aspects of maritime boundaries, baselines and the extended continental shelf Bahrain, IR, Iran, Kuwait, KSA, Oman, Pakistan, Qatar & UAE + Iraq (RSAHC)	CBFUND			
3.5.2g	Seminar: significance of hydrographic services and their contribution to sustainable development, social and economic perspective Chile, Colombia, Ecuador, Peru (SEPHC)	CBFUND			
3.5.2h	Workshop on Standardization of parameters and methodologies for the production of inundation charts (support to Tsunami preparedness). Chile, Colombia, Ecuador, Peru, plus Venezuela and Mexico. (SEPHC)	CBFUND			
3.5.2i	Processing and Administration of Spatial Databases. Argentina, Brazil, Uruguay. Obs.: Other four Latin American countries could be invited. (SWATHC)	CBFUND			
3.5.2j	Ports and Shallow Water Bathymetry Technical Workshop. Solomon Islands, Tuvalu, Cook Islands, Fiji, Samoa, Tonga, Kiribati, PNG, Tokelau, New Caledonia, Niue, Vanuatu, French Polynesia and SOPAC. (SWPHC)	CBFUND			
3.5.2k	Hydrographic Administration Training Placements with Regional HO. Papua New Guinea, Solomon Islands, Timor Leste, Vanuatu. (SWPHC)	CBFUND			
3.5.2l	Phase I Skills Course – CHART AWARENESS - (Angola, Malawi, Madagascar, Mauritius, Mozambique, Namibia, Seychelles, Tanzania, Kenya, S Africa, Comoros, Uganda)(SAIHC)	CBFUND			
3.5.2m	PNG National Hydrographic Capability Development. (SWPHC)	CBFUND			
3.5.2n	Module 2 of the recognized UK Category B Programme – Hydrographic Data Processing. Open Call.	CBFUND			
3.5.2o	Module 3 of the recognized UK Category B Programme – Hydrographic Data Processing. Open Call.	CBFUND			
3.5.2p	2-weeks Regional Training Course on Basic ENC and ENC Production. Central America and Caribbean. MACHC. Particularly Bahamas, Barbados, Belize, British Virgin Islands, Cuba, Guatemala, México, Panama, St Kitts & Nevis, Trinidad & Tobago, Venezuela First semester 2012 (MACHC)	IMO Funding and Organization with IHO support in kind			

CBFUND: Resources from the IHO annual budget and a contribution made by the Republic of Korea to support the IHO CB Programme

TASK	TITLE	COMMENTS	5-y WP Task	Strategic Direction	Performance Indicator
3.5.2q	2-weeks Regional Training Course on Hydrographic Survey and Introduction to Chart production. South West Pacific and North Indian Ocean. First semester 2012. This must include original request from SWPHC: Regional Cat C Course including MSI and Hydrographic surveying. (SWPHC and NIOHC (partial)).	IMO Funding and Organization with IHO support in kind			
3.5.2r	2-weeks Regional Training Course on Hydrographic Survey and Introduction to Chart production. Second semester 2012. Africa. (EATHC, SAIHC and NIOHC (partial)).	IMO Funding and Organization with IHO support in kind			
3.5.2s	4th Course on Hydrographic Data Processing and Marine Cartography	Japan Nippon Foundation CB Project	2.3.3		
3.5.3	Hydrographic and Nautical Cartography Courses.	According to CBSC Work Programme	2.3.4		
3.5.4	On the Job Training (ashore / on board)	According to CBSC Work Programme. No expenditure anticipated in 2012			
3.5.5	Marine/Maritime Projects.	According to CBSC Work Programme			
3.5.5a	- Marine Electronic Highway Project (Malacca Strait)		2.3.5		
3.5.5b	- Marine Highway Development (Western IO)				
3.5.5c	- Safety of Navigation on Lake Victoria	no expenditure anticipated in 2012			
3.5.5d	- Marine Highway Development (Western Mediterranean Sea)	no expenditure anticipated in 2012	2.3.6		SPI 3
3.5.6	- CBSC to foster bilateral agreements in order to help satisfy SOLAS V/9	According to CBSC Work Programme. No expenditure anticipated in 2012			
Element 3.6 Coordination of Global Surveying and Charting				2.1, 2.2	SPI2,7,8,WPI15,16,17,18,19,20,21,22
3.6.1	WEND WG	<i>To be completed after WEND WG 1 (13-14 Oct. 2011).</i>	3.1.12		
3.6.2	RHCs to coordinate ENC consistency and quality	In accordance with Element 3.1. No expenditure anticipated in 2012	3.3.4		
3.6.3	C-55 Status of Hydrographic Surveying and Nautical Charting Worldwide	A) IHO Member States to provide annual update. B) IRCC to design a framework for C-55 development. C) IHB to incorporate in the periodic evaluation of the availability of ENC submitted to IMO (NAV) consideration on the impact of poor bathymetric data availability, datum mis-adjustment problem, and other relevant factors. No expenditure anticipated in 2012	2.2.2		
3.6.4	Maintenance of INT Chart Schemes and improvement of availability of the INT Chart Series.	In accordance with Element 3.1. No expenditure anticipated in 2012	3.3.5		
Element 3.7 Maritime Safety Information				1.4, 2.1	SPI2,5,7,WPI9,10,11,17
3.7.1	WWNWS - World-Wide Navigational Warning Service Sub-Committee	A) Prepare and conduct WWNWS4. B) Update and implement the WWNWS Work Programme. C) Report to the XVIII IHC.	3.1.9		
3.7.2	- WWNWS Expansion and Coverage.	As required. No expenditure anticipated in 2012	3.4.1		
3.7.3	- NAVAREA Coordinators	Provide annual self-assessment. No expenditure anticipated	3.4.2		
3.7.4	- WWNWS Publications (S53, S53 App 1).	As required. No expenditure anticipated in 2012	3.4.3		
Element 3.8 Ocean Mapping Programme				1.1,1.5,2.6,3.4	SPI1,4,6,WPI1,12,13,30,35
3.8.1	GEBCO Guiding Committee	A) Prepare and conduct GGCXXIX. B) Update and implement the GEBCO Work Programme. C) Report to the XVIII IHC.	3.1.13		
3.8.2	TSCOM - Technical Sub-Committee on Ocean Mapping	A) Prepare and conduct TSCOMXXVIII. B) Update and implement the TSCOM Work Programme.	3.1.14		
3.8.3	SCUFN - Sub-Committee on Undersea Feature Names	A) Prepare and conduct SCUFNXXV.	3.1.15		
3.8.4	Shallow Water Bathymetry	To be completed after GGCXXIX (7 Oct. 2011).	3.7.1		
3.8.5	Bathymetric Data Integration	To be completed after GGCXXIX (7 Oct. 2011).	3.7.2		
3.8.6	Maps and Digital Grids	To be completed after GGCXXIX (7 Oct. 2011). No expenditure anticipated in 2012	3.7.3		
3.8.7	New GEBCO Products	To be completed after GGCXXIX (7 Oct. 2011).	3.7.4		
3.8.8	Global Awareness	To be completed after GGCXXIX (7 Oct. 2011). No expenditure anticipated in 2012	3.7.5		
3.8.9	IHO Digital Bathymetry Data Center	To be completed after GGCXXIX (7 Oct. 2011). No expenditure anticipated in 2012	3.7.6		
3.8.10	IBC Projects, consistency, regional mapping series	To be completed after GGCXXIX (7 Oct. 2011). No expenditure anticipated in 2012	3.7.7		

CBFUND: Resources from the IHO annual budget and a contribution made by the Republic of Korea to support the IHO CB Programme

TASK	TITLE	COMMENTS	5-y WP Task	Strategic Direction	Performance Indicator
3.8.10	IBC Projects, consistency, regional mapping series	To be completed after GGCXXIX (7 Oct. 2011). No expenditure anticipated in 2012	3.7.7		
3.8.11	Maintain GEBCO publications: B1, B4, B6, B7, B8, B9, B10	To be completed after GGCXXIX (7 Oct. 2011). No expenditure anticipated in 2012	3.7.8		

FROM THE STRATEGIC PLAN	STRATEGIC DIRECTIONS		
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Each item of the programmes identifies:

- (a) the strategic direction to which it refers,
- (b) any stakeholder outside the IHO that is affected,
- (c) the deliverables and associated milestones,
- (d) the lead authority and participants, if any,
- (e) the estimated resources from the IHO budget,
- (f) other resources when significant,
- (g) the performance indicator(s) against which progress is monitored.

1. Strengthen the role and effectiveness of the IHO
2. Facilitate global coverage and use of official hydrographic data, products and services
3. Raise global awareness of the importance of hydrography
4. Assist Member States to fulfil their roles