

Submitted Projects for 2023

CB Phase	Number of projects submitted	Amount (Euros)	%
0	10	74,500	11.3
1	5	105,082	15.9
2	12	301,782	45.6
3	8	180,821	27.3
Total	35	662,185.00	100

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RHC	Number of projects submitted	Amount (Euros)	%
EAHC	3	63,760.00	9.6
EAtHC	4	35,500.00	5.4
MACHC	5	83,894.00	12.7
MBSHC	3	44,500.00	6.7
NIOHC	3	70,172.00	10.6
RSAHC	3	88,240.00	13.3
SAIHC	5	57,400.00	8.7
SEPRHC	6	176,677.00	26.7
SWAtHC	3	42,042.00	6.3
SWPHC	0	0.00	0.0
Total	35	662,185.00	100.0

Average 18,919.57

Earmarked projects:

IHO/ROK	0	480,800.00	100.0
Japan	0	0.00	0.0
IHO Sec	0	0.00	0.0
Total	0	480,800.00	100.0

Total of projects

Total	35	1,142,985.00
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Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
EAHC	2023	Within NAVAREA XI region, EAHC MSs.	1	Seminar on MSI Interpretation and Enhancements	To further improve the communication between MSs and the NAVAREA XI Coordinator.	To improve knowledge and awareness of HO's role in MSI infrastructure and to establish network amongst EAHC and selected States in NAVAREA XI.	CB Funds for course fees, accommodation costs and return flights	22,360.00 €	EAHC TRDC-BOD chair Peter YOU (peterhak@korea.kr)
EAHC	2023	EAHC (including pending MS Vietnam)	2	Seminar on S-57 to S-101 Transition	MSs are obligated to meet the IHO S-101 Roadmap and implementation deadline of 2024.	Helps promote the IHO Strategic Plan and the S-100 Implementation Plan		20,700.00 €	Peter YOU peterhak@korea.kr
EAHC	2023	EAHC (including pending EAHC MSs, e.g. Vietnam)	3	Workshop on the Measuring SDB according to S-44 Standard in Developing the Future Nautical Chart	Understand the benefit of using the SDB data for updating navigational charts.	Understand SDB technology that meets IHO standards. Efficiency of budget and reducing the personnel risk on updating nautical charts.		20,700.00 €	Peter YOU peterhak@korea.kr
EAtHC	2023	All coastal states within the EAtHC region (specail focus on MSs) + potential participation of other African coastal states	1	S-100 Seminar "The future of hydrographic products and services is now!"	Presentation of the general principles of S-100 - Focus on new charting products (transition S-57 > S-101) - Implementation of EAtHC's response to the need for coordination of certain S-100 products and services at the regional level.	Raising awareness Facilitate the implementation of S-100 in the EAtHC region. Better coordination of coastal states and their PCAs. Support for the rise of MSs in the field of cartography.	Fundings to organize a regional seminar. An intervention by the IHO Secretariat to bring the IHO's global vision to the S-100 would be welcome.	20,000.00 €	Julien SMEECKAERT - Tel: +33 (0)1 53 66 97 81 - julien.smeekaert@shom.fr
EAtHC	2023	Guinea	1	Technical visit to Guinea	Advise on a way forward	Provide guidance to Guinea to build up national hydrographic capability to meet national and international obligations.		5,000.00 €	Julien SMEECKAERT - Tel: +33 (0)1 53 66 97 81 - julien.smeekaert@shom.fr
EAtHC	2023	Mauritania	1	Technical visit to Mauritania	Advise on a way forward	Provide guidance to Mauritania to build up national hydrographic capability to meet national and international obligations.		5,000.00 €	Julien SMEECKAERT Tel: +33 (0)1 53 66 97 81 - julien.smeekaert@shom.fr
EAtHC	2023	S. Tomé e Príncipe	2	Technical visit to S. Tomé e Príncipe	Advise on a way forward	Provide guidance to S. Tomé e Príncipe to develop hydrographic services to meet national and international obligations.		5,500.00 €	João Paulo Delgado Vicente +351 210 943 055 dt.hi.chf@hidrografico.pt
MACHC	2023	Costa Rica	1	Technical Visit to Costa Rica	Technical Assessment and Advice	Raise the profile of hydrography and create a phased plan to improved hydrographic capability of the country. Increased support of hydrographic services in meeting international hydrographic obligations. Promotion of in-country benefits for supporting hydrographic activity.		4,800.00 €	Jim Rogers James.E.Rogers@nga.mil

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
MACHC	2023	Bahamas, Dominica, El Salvador, Haiti, Honduras, Panama, St Kitts & Nevis, St Lucia (plus 7 other nations yet to be determined).	2	Seminar on Raising Awareness of Hydrography	The Seminar will assist countries on understanding their national obligations and provide an opportunity to build working relationships with the IHO, IMO and IALA noting that most States in the MACHC Region are IMO Members but not IHO Member States.	Increased membership of the IHO. A greater awareness of the roles and responsibilities of coastal States and increased active participation in the region.		33,000.00 €	Lucy Fieldhouse - Lucy.Fieldhouse@UKHO.gov.uk
MACHC	2023	Colombia	3	High Level Technical Visit to Colombia	High Level Awareness	Increased support of hydrographic services in meeting international hydrographic obligations. Promotion of in-country benefits such as development of the Blue Economy for supporting hydrographic activity.		5,000.00 €	Lucy Fieldhouse - Lucy.Fieldhouse@UKHO.gov.uk
MACHC	2023	Initially Bahamas, Belize, Costa Rica, Dominican Republic, El Salvador, Guyana, Haiti, Honduras, Nicaragua and Panama have been identified in the MACHC CB Plan, but other nations will be invited to participate	4	MSI - Training on establishment of MSI Structure and basic MSI procedure (3 days).	To establish capacity in MSI so that Maritime Authorities can provide high quality services to comply with the basic requirements for safety of navigation in the area.	To establish a core group of trained persons to deal with MSI Supply of information to charting authorities to assist with chart maintenance. Build regional support network and expertise. Improving maritime safety and compliance with SOLAS.		19,922.00 €	Chris Janus Christopher.G.Janus@nga.mil
MACHC	2023	IHO Member States from the MACHC and neighbouring Regional Hydrographic Commissions	5	S-100 Production Course (S-57 to S-100 Conversion)	To establish an awareness of and capability in converting S-57 data to S-100 to produce products that meet navigational requirements through instruction by S-100 Subject Matter Experts.	Improving maritime safety and compliance with SOLAS through the development of enhanced digital products and services.		21,172.00 €	Lucy Fieldhouse - Lucy.Fieldhouse@UKHO.gov.uk
NIOHC	2023	Associate Members and Non Members - Djibouti, Eritrea, Jordan, Maldives, Somalia, Sudan, Yemen, Mauritius and Seychelles (10 in all)	1	Seminar on Raising Awareness of Hydrography	To ensure that countries in the NIOHC region are made aware that the provision of hydrographic services is an international obligation under treaty law affecting all Member States (MS) of the IMO and also provides significant national infrastructure and long-term economic benefits. The Seminar is configured to assist countries on how they take the necessary steps to meet their obligation noting that most NIOHC countries are IMO MS but	Increased IHO Membership and regional engagement.		17,250.00 €	Lucy Fieldhouse - Lucy.Fieldhouse@UKHO.gov.uk

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
NIOHC	2023	10 participants Bangladesh, Saudi Arabia, Sri Lanka and Thailand (augmented by at least one nation from the adjoining SAIHC and RSAHC's)	2	MBES Processing course (5 days)	To provide an understanding of the whole data gathering process using a MBES with a focus on the post processing element.	Improved knowledge of the processing element of MBES data greater confidence in its use. Improved quality of data included in navigational products.	Trainers and additional funding provided by UKHO	31,750.00 €	Lucy Fieldhouse - Lucy.Fieldhouse@UKHO.gov.uk
NIOHC	2023	IHO Member States from the NIOHC region and neighbouring regions	3	S-100 Production Course (S-57 to S-100 Conversion)	To establish an awareness of and capability in converting S-57 data to S-100 to produce products that meet navigational requirements through instruction by S-100 Subject Matter Experts.	Improving maritime safety and compliance with SOLAS through the development of enhanced digital products and services.		21,172.00 €	Lucy Fieldhouse - Lucy.Fieldhouse@UKHO.gov.uk
RSAHC	2023	Iraq	1	High Level Technical Visit to Iraq	High Level Awareness	Increased support of hydrographic services in meeting international hydrographic obligations. Promotion of in-country benefits such as development of the Blue Economy for supporting hydrographic activity.		5,000.00 €	Saeid Parizi - parizi@pmo.ir
RSAHC	2023	RSAHC & NIOHC Members	2	Basic ENC Production Training	Train cartographic technicians of Mozambique Hydrographic Office in the production of ENCs	Development of regional in ENC production capability	NIL	38,580.00 €	Saeid Parizi - parizi@pmo.ir
RSAHC	2023	RSAHC (& NIOHC) Member and Associate Members	3	MSDI and Database Management (5 days)	To enhance and increase understanding, confidence and provide practical insight to delegates as to what measures can be taken to develop and control this framework	Creation of a new knowledge base within the IHO community which MS's can access and learn from		44,660.00 €	Saeid Parizi - parizi@pmo.ir
SAIHC	2023	Madagascar	1	Technical Visit to Madagascar	Technical Assistance and Advice	Raise the profile of hydrography and offer technical assessment of capabilities		5,200.00 €	Julien SMEECKAERT - Tel: +33 (0)1 53 66 97 81 - julien.smeeckaert@shom.fr
SAIHC	2023	Angola, Comoros, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles and Tanzania	2	Raising Hydrographic Awareness (for SAIHC Associate and Non-Members)	To ensure that countries in the NIOHC region are made aware that the provision of hydrographic services is an international obligation under treaty law affecting all Member States (MS) of the IMO and also provides significant national infrastructure and long-term economic benefits. The Seminar is configured to assist countries on how they take the necessary steps to meet their obligation noting that most SAIHC countries are IMO MS but not IHO MS.	Increased Membership of the IHO and greater active participation by countries in the region.		16,750.00 €	Lucy Fieldhouse - Lucy.Fieldhouse@UKHO.gov.uk

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
SAIHC	2023	Angola	3	High Level Technical Visit to Angola	High Level Awareness	Increased support of hydrographic services in meeting international hydrographic obligations. Promotion of in-country benefits such as development of the Blue Economy for supporting hydrographic activity.		5,000.00 €	Lucy Fieldhouse - Lucy.Fieldhouse@UKHO.gov.uk
SAIHC	2023	15 participants from IHO Members States from SAIHC, EAtHC and NIOHC	4	Introduction to Tides and Water Levels Workshop	To train survey operations personnel to understand tides and their impact on hydrographic surveys	The vertical component of hydrographic surveys will be more accurate and data collection will be improved. Will support contribution to Seabed2030 by the region		20,450.00 €	ruth.farre@sanavy.co.za
SAIHC	2023	Angola	5	MBES Data Collection and Processing course (10 days)	To provide an understanding of the whole data gathering process using a MBES with a focus on the post processing element.	Improved knowledge of use of MBES data acquisition and data processing equipment and software. Improved quality of data supporting navigational products and safety of life at sea.	Trainers supplied by Portugal	10,000.00 €	dt.hi.chf@hidrografico.pt - Lucy.Fieldhouse@UKHO.gov.uk
SEPRHC	2023	Chile, Perú, Ecuador, Colombia, Panamá	1	Use of automated statistical filters for bathymetric data processing.	To apply statistical tools that allow optimization of bathymetric data processing times, improving their reliability.	To increase efficiency in the bathymetric processing workflow for each Hydrographic Office.	Personal assistance	23,150.00 €	Director SHOA CO EM-G.ELN. Arturo OXLEY Lizana
SEPRHC	2023	Chile, Perú, Ecuador, Colombia, Panamá	2	Administration and production on bathymetric Data Bases.	To improve knowledge in the administration and migration of data bases.	To increase knowledge related to the implementation of the new standard, to facilitate the process of migration and manipulation of the bathymetric data bases of each Hydrographic Office.	Personal assistance	23,150.00 €	Director SHOA CO EM-G.ELN. Arturo OXLEY Lizana
SEPRHC	2023	Ecuador, Peru, Chile, Colombia. 2 from MACHC and 2 from SWAtHC		Workshop on MSDI implementation and development	To learn about the structure of working practices and relationships across data producers and users for access, sharing and analysing geospatial information across government, commerce and research's centres..	Carry out multi beam hydrographic surveys, data processing and use of the data in the different hydrographic field to share procedures between the Hydrographic Office and industry, promoting the blue economy and maritime development of countries trough of a right administration of hydrographic data.	Three lecturers	26,665.00 €	Director CIOH

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
SEPRHC	2023	Ecuador, Peru, Chile, Colombia. 2 from MACHC and 2 from SWaHC		Workshop on QC for Data Processing	To define the process how apply the quality control in all steps: since planning, surveying, analysing and publishing the data according the guidelines of IHO, IMO and UN organizations. When this data will be share, exchange, combine, mixed will be easy to understand	Carry out exercises of quality control when the student comes back to his hydrographic office to apply the pieces of knowledge acquired searching for the final data will be the best	Three lecturers	26,665.00 €	Director CIOH
SEPRHC	2023	Ecuador, Peru, Chile, Colombia. 2 from MACHC and 2 from SWaHC		Workshop on AUV for Hydrographic and Topographic Surveys	To learn about the usage of working practices from some UAV users and manufactures, sharing and analyzing gathered information in the field, and checking workflow since the planification toward to generate hydrographic products.	Carry out single/multi beam/lidar hydrographic surveys, data processing and use of the data in the different hydrographic field to share procedures between the Hydrographic Office and industry, promoting the blue economy and maritime development of countries through increase the hydrographic survey coverage near the shoreline	Three lecturers	46,800.00 €	Director INOCAR
SEPRHC	2023	Ecuador, Peru, Chile, Colombia. 2 from MACHC and 2 from SWaHC		S-101 Workshop – Electronic Navigational Chart/S-102 Workshop Bathymetric Surfaces	Acquire full knowledge in the use of cartographic tools that allow the transformation of all our S-57 products to S-101 following an approved plan, and produce new ENC products directly in high quality S-101 format and the production of bathymetry surfaces according to the new S-102 standard	Disseminate and compare experiences in the use of cartographic software, applying the knowledge acquired in the scheduled workshops, with the purpose of training specialists in the field at both the local and regional levels.	Three lecturers	30,247.00 €	ogarcia@dhn.mil.pe; garciatellooswaldo@gmail.com; relin@dhn.mil.pe
SWaHC	2023	Argentina, Brazil, Uruguay, as well as any guest country from SEPRHC, and MACHC.	1	MBES Data Processing Course	To improve the capacity of Hydrographic Services on MBES data processing techniques required to quality control, and to incorporate them into hydrographic database.	This training will benefit high quality products and this will result in greater safety of navigation. Besides it is expected to comply with IHO S-44 standards.	The CBSC fund contribution will cover travel, subsistence, and local transportation for 6 foreign participants, and 2 instructors.	12,192.00 €	LT. Mario Lucas CABALLERO (SHN)
SWaHC	2023	Argentina, Brazil, Uruguay, as well as any guest country from SEPRHC, and MACHC.	2	Data management course for ENC S-100 production	To provide the participants an interactive training on ENC production, using software and tools, to create, validate and update Electronic Navigational Charts	The more qualified hydrographers and cartographers can benefit the final quality of ENC Production.	The CBSC fund contribution will cover travel, subsistence, and local transportation for 8 foreign participants, and 2 instructors.	14,250.00 €	CC (CG) Marcelo Olivera

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RHC	Priority	Project Name	1	2	3	4	5	6	7	8	9	Total	Phase	Priority	Resources	Sum	Observation
EAHC	1	Technical visit to Mauritania	5	10	1	5	10	3	5	0	5	44	0	0	5,000	5,000	
EAHC	2	Technical visit to S. Tomé e Príncipe	5	10	1	5	8	5	3	0	5	42	0	0	5,500	10,500	
EAHC	1	Technical visit to Guinea	5	10	1	5	10	0	5	0	5	41	0	0	5,000	15,500	
EAHC	1	Seminar on MSI Interpretation and Enhancements	3	10	5	0	6	5	5	-2	5	37	1	0	22,360	37,860	
MBSHC	1	Workshop on MSI Development & Implementation	3	10	5	0	7	5	5	-1	5	39	1	1	15,500	53,360	
EAHC	1	S-100 Seminar "The future of hydrographic products and services is now!"	3	10	5	4	8	1	3	0	5	39	3	0	20,000	73,360	
SEPRHC	0	Workshop on MSDI implementation and development	5	5	3	1	8	5	5	0	5	37	2	0	26,665	100,025	
NIOHC	1	Seminar on Raising Awareness of Hydrography	5	10	5	2	8	5	4	-3	5	41	0	0	17,250	117,275	
SAIHC	1	Technical Visit to Madagascar	5	10	1	2	10	5	3	0	5	41	0	0	5,200	122,475	
SEPRHC	2	Administration and production on bathymetric Data Bases.	3	10	3	1	6	3	5	0	5	36	2	0	23,150	145,625	
MBSHC	3	Workshop on Disaster Response	3	10	5	0	7	1	5	0	5	36	1		14,300	159,925	
MACHC	1	Technical Visit to Costa Rica	5	10	1	1	6	5	5	0	5	38	0	0	4,800	164,725	
MACHC	4	MSI - Training on establishment of MSI Structure and basic MSI procedure (3 days).	5	10	5	3	7	0	5	-2	5	38	1	0	19,922	19,922	
RSAHC	1	High Level Technical Visit to Iraq	5	10	1	0	7	5	5	0	5	38	0	0	5,000	24,922	
SWAHC	1	MBES Data Processing Course	3	5	3	1	6	5	5	0	5	33	2	0	12,192	37,114	
NIOHC	2	MBES Processing course (5 days)	3	5	5	4	8	3	4	0	5	37	2	0	31,750	68,864	
SAIHC	2	Raising Hydrographic Awareness (for SAIHC Associate and Non-Members)	5	10	5	0	8	3	4	-3	5	37	0	0	16,750	85,614	
SEPRHC	0	Workshop on QC for Data Processing	5	5	3	1	8	0	5	0	5	32	2	0	26,665	112,279	
MACHC	2	Seminar on Raising Awareness of Hydrography	5	10	5	0	6	3	5	-3	5	36	1	0	33,000	145,279	
MACHC	3	High Level Technical Visit to Colombia	5	10	1	1	7	1	5	0	5	35	0	0	5,000	150,279	
SAIHC	3	High Level Technical Visit to Angola	5	10	1	2	10	1	3	-2	5	35	0	0	5,000	155,279	
SAIHC	4	Introduction to Tides and Water Levels Workshop	4	5	5	3	8	0	5	0	5	35	2	0	20,450	175,729	
MBSHC	2	Workshop on ENC Quality Assessment	3	1	5	0	7	3	5	0	5	29	3		14,700	190,429	
EAHC	2	Seminar on S-57 to S-101 Transition	3	1	5	0	6	3	5	0	5	28	3	0	20,700	211,129	
SEPRHC	1	Use of automated statistical filters for bathymetric data processing.	3	5	3	1	6	0	5	0	5	28	2	0	23,150	234,279	
SEPRHC	0	Workshop on AUV for Hydrographic and Topographic Surveys	3	5	3	2	7	1	5	0	5	31	2	0	46,800	281,079	
SEPRHC	0	S-101 Workshop – Electronic Navigational Chart/S-102 Workshop Bathymetric Surfaces	3	5	3	0	7	0	5	0	5	28	3	0	30,247	311,326	
SWAHC	2	Data management course for ENC S-100 production	3	1	3	2	6	3	5	0	5	28	3	0	14,250	325,576	
SWAHC	3	Tides and Water Level Workshop	3	5	3	1	6	1	5	-2	5	27	2	0	15,600	341,176	
EAHC	3	Workshop on the Measuring SDB according to S-44 Standard in Developing the Future Nautical Chart	3	1	5	0	6	1	5	0	5	26	2	0	20,700	361,876	
SAIHC	5	MBES Data Collection and Processing course (10 days)	3	5	1	3	10	0	4	0	5	31	2	0	10,000	371,876	
RSAHC	3	MSDI and Database Management (5 days)	3	5	5	1	7	1	3	-2	5	28	2	0	44,660	416,536	
RSAHC	2	Basic ENC Production Training	3	1	5	2	7	3	4	-3	5	27	3	0	38,580	455,116	
NIOHC	3	S-100 Production Course (S-57 to S-100 Conversion)	3	1	5	0	6	1	4	0	5	25	3	0	21,172	476,288	
MACHC	5	S-100 Production Course (S-57 to S-100 Conversion)	3	1	5	0	6	0	4	0	5	24	3	0	21,172	497,460	

INTERNATIONAL HYDROGRAPHIC ORGANIZATION
CAPACITY BUILDING SUB-COMMITTEE
MANAGEMENT PLAN 2023

CBSC20

RHC	Priority	Project Name	1	2	3	4	5	6	7	8	9	Total	Phase	or	Resources	Sum	Observation
IHO/ROK	-	ROK Category A Programme										50	2		100,800	100,800	ROK earmarked
IHO/ROK	-	ROK Category B Nautical Cartographers Program										50	2		380,000	480,800	ROK earmarked
IHO/ROK	-	Training for Trainers - Basic Hydrography										50	2		0	480,800	ROK earmarked
Japan	-	GEOMAC (Geospatial Marine Analysis and Cartography)										50	3			480,800	Nippon earmarked
EAtHC	1	Technical visit to Mauritania	3	10	1	5	10	3	5	0	5	42	1		5,000	485,800	5,000
EAtHC	2	Technical visit to S. Tomé e Príncipe	5	10	1	5	8	5	3	0	5	42	3		5,500	491,300	10,500
NIOHC	1	Seminar on Raising Awareness of Hydrography	5	10	5	2	8	5	4	-3	5	41	0		17,250	508,550	27,750
SAIHC	1	Technical Visit to Madagascar	5	10	1	2	10	5	3	0	5	41	0		5,200	513,750	32,950
MBSHC	1	Workshop on MSI Development & Implementation	3	10	5	0	7	5	5	-1	5	39	1		15,500	529,250	48,450
SAIHC	2	Raising Hydrographic Awareness (for SAIHC Associate and Non-Members)	5	10	5	2	8	3	4	-3	5	39	3		16,750	546,000	8,413.87
MACHC	1	Technical Visit to Costa Rica	5	10	1	1	6	5	5	0	5	38	3		4,800	550,800	70,000
RSAHC	1	High Level Technical Visit to Iraq	5	10	1	0	7	5	5	0	5	38	2		5,000	555,800	75,000
MACHC	4	MSI - Training on establishment of MSI Structure and basic MSI procedure (3 days).	5	10	5	3	7	0	5	-2	5	38	1		19,922	575,722	94,922
EAtHC	1	S-100 Seminar "The future of hydrographic products and services is now!"	3	10	5	4	8	1	3	0	3	37	3		20,000	595,722	114,922
SEPRHC	0	Workshop on MSDI implementation and development	5	5	3	1	8	5	5	0	5	37	2		26,665	622,387	141,587
NIOHC	2	MBES Processing course (5 days)	3	5	5	4	8	3	4	0	5	37	2		31,750	654,137	173,337
EAHC	1	Seminar on MSI Interpretation and Enhancements	3	10	5	0	6	5	5	-2	5	37	3		22,360	676,497	195,697
MACHC	2	Seminar on Raising Awareness of Hydrography	5	10	5	0	6	3	5	-3	5	36	1		33,000	709,497	228,697
MBSHC	3	Workshop on Disaster Response	3	10	5	0	7	1	5	0	5	36	1		14,300	723,797	242,997
SEPRHC	2	Administration and production on bathymetric Data Bases.	3	10	3	1	6	3	5	0	5	36	2		23,150	746,947	266,147
EAtHC	3	Technical visit to Guinea	5	5	1	5	10	0	5	0	5	36	2		5,000	751,947	271,147
MACHC	3	High Level Technical Visit to Colombia	5	10	1	1	7	1	5	0	5	35	0		5,000	756,947	276,147
SAIHC	3	High Level Technical Visit to Angola	5	10	1	2	10	1	3	-2	5	35	0		5,000	761,947	281,147
SAIHC	4	Introduction to Tides and Water Levels Workshop	4	5	5	3	8	0	5	0	5	35	2		20,450	782,397	
SWAtHC	1	MBES Data Processing Course	3	5	3	1	6	5	5	0	5	33	3		12,192	794,589	
SEPRHC	0	Workshop on QC for Data Processing	5	5	3	1	8	0	5	0	5	32	2		26,665	821,254	
SEPRHC	0	Workshop on AUV for Hydrographic and Topographic Surveys	3	5	3	2	7	1	5	0	5	31	2		46,800	868,054	
SAIHC	5	MBES Data Collection and Processing course (10 days)	3	5	1	3	10	0	4	0	5	31	3		10,000	878,054	
MBSHC	2	Workshop on ENC Quality Assessment	3	1	5	0	7	3	5	0	5	29	2		14,700	892,754	
SEPRHC	0	S-101 Workshop – Electronic Navigational Chart/S-102 Workshop Bathymetric Surfaces	3	5	3	0	7	0	5	0	5	28	2		30,247	923,001	
SEPRHC	1	Use of automated statistical filters for bathymetric data processing.	3	5	3	1	6	0	5	0	5	28	2		23,150	946,151	
EAHC	2	Seminar on S-57 to S-101 Transition	3	1	5	0	6	3	5	0	5	28	2		20,700	966,851	
SWAtHC	2	Data management course for ENC S-100 production	3	1	3	2	6	3	5	0	5	28	2		14,250	981,101	
RSAHC	3	MSDI and Database Management (5 days)	3	5	5	1	7	1	3	-2	5	28	2		44,660	1,025,761	
SWAtHC	3	Tides and Water Level Workshop	3	5	3	1	6	1	5	-2	5	27	3		15,600	1,041,361	
RSAHC	2	Basic ENC Production Training	3	1	5	2	7	3	4	-3	5	27	1		38,580	1,079,941	
EAHC	3	Workshop on the Measuring SDB according to S-44 Standard in Developing the Future Nautical Chart	3	1	5	0	6	1	5	0	5	26	2		20,700	1,100,641	
NIOHC	3	S-100 Production Course (S-57 to S-100 Conversion)	3	1	5	0	6	1	4	0	5	25	3		21,172	1,121,813	
MACHC	5	S-100 Production Course (S-57 to S-100 Conversion)	3	1	5	0	6	0	4	0	5	24	1		21,172	1,142,985	
RHC	Priority	Project Name	1	2	3	4	5	6	7	8	9	Total	Phase	or	Resources	Sum	
		Procedure 4 maximum score	5	10	5	5	10	5	5	0	5	50					

In-kind
Nippon

GEBCO Training Project

662,185