

Submitted Projects for 2021

CB Phase	Number of projects submitted	Amount (Euros)	%
0	16	200 380	33,4
1	4	99 831	16,7
2	10	192 189	32,1
3	6	106 720	17,8
4	0	0	0,0
Total	36	599 120,00	100

RHC	Number of projects submitted	Number of projects accepted	Amount (Euros)	%
EAHC	4	4	72 500,00	12,6
EAtHC	4	4	35 000,00	6,1
MACHC	4	4	47 200,00	8,2
MBSHC	4	4	25 400,00	4,4
NIOHC	3	3	68 370,00	11,8
RSAHC	3	2	49 990,00	8,7
SAIHC	4	4	50 480,00	8,7
SEPRHC	4	4	109 790,00	19,0
SWAtHC	4	4	50 740,00	8,8
SWPHC	2	2	67 900,00	11,8
Total	36	35	577 370,00	100,0

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Earmarked projects:

IHO/ROK	3	3	640 200,00	68,2
Japan	1	1	298 866,00	31,8
IHO Sec	0	0	0,00	0,0
Total	4	4	939 066,00	100,0

Total of projects

Total	40	39	1 516 436,00
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Available resources

Total	1 259 581,29
Difference	256 854,71

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
EAHC	2021	EAHC (including pending EAHC MSs, e.g. Vietnam)	1	Developing and Implementing a Regional Framework for Disaster Mitigation and Management	To raise the capacity for quick response procedure to various marine accidents and set up a standardized response procedure in Member States	Increasing the capability of disaster management system in regional framework	IHO MS will provide lecturers	22 260,00 €	Yanuar Handwiono
EAHC	2021	EAHC (including pending EAHC MSs, e.g. Vietnam)	2	Tides and its application	To enhance the technology of observation, data analysis and application on tidal data	Enhanced accuracy on tidal data and hydrographic survey, increased ways of tidal data application.	no	22 260,00 €	Peter YOU
EAHC	2021	EAHC (including pending EAHC MSs, e.g. Vietnam)	3	Hydrographic Data Managements to Support Disaster Relief	To enhance the surveying technique and application training are needed to prepare for marine disaster	To support good preparation as hydrographic office in responding to marine disasters	IHO MS will provide lecturers	22 260,00 €	Yanuar Handwiono
EAHC	2021	Cambodia	4	Technical Visit to Cambodia	To encourage Cambodia to join the IHO and the EAHC.	To support the training of hydrographic surveyors to meet the survey demands in Cambodia	no	5 720,00 €	Peter YOU
EAtHC	2021	Congo	1	Technical visit to Congo FORMER 2020 A01	Advise on a way forward	Provide guidance to Congo to build up national hydrographic capability to meet national and international obligations	no	5 000,00 €	Cdr. Vincent Lamarre
EAtHC	2021	Côte d'Ivoire	1	Technical visit & Regional training center visit to Côte d'Ivoire FORMER 2020 A04	Advise on a way forward	Provide guidance to Côte d'Ivoire to build up national hydrographic capability to meet national and international obligations and to develop a regional training offer in hydrography	no	5 000,00 €	Cdr. Vincent Lamarre
EAtHC	2021	Senegal	1	High level and Technical visit to Senegal FORMER 2020 A08	High level awareness & Advise on a way forward	Involve Senegal more closely in the EAtHC (membership, more active role) Promote national hydrographic services to meet national and international obligations	Participation of the IHO Secretariat	5 000,00 €	Cdr. Vincent Lamarre

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
EAtHC	2021	All coastal states within the EAtHC region (special focus on MSs) + potential participation of other African coastal states	2	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 €	Cdr. Vincent Lamarre
MACHC	2021	Dominican Republic	1	High Level Technical Visit to Dominican Republic	High Level Awareness	Raise the profile of hydrography at the highest levels in the Dominican Republic		5 000,00 €	Lucy Fieldhouse (UKHO)
MACHC	2021	Jamaica	1	High Level Technical Visit to Jamaica	High Level Awareness	To highlight the benefits of the Blue Economy and to make hydrography a national effort		5 000,00 €	Lucy Fieldhouse (UKHO)
MACHC	2021	Honduras	1	Technical Visit to Honduras	Technical Assessment and Advice	Raise the profile of hydrography and create a phased plan to improved hydrographic capability of the country.		4 200,00 €	Lucy Fieldhouse (UKHO)
MACHC	2021	Bahamas, Dominica, El Salvador, Haiti, Honduras, St Kitts & Nevis, St Lucia, (plus 8 other nations yet to be determined).	1	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 MACHC Countries are IMO Members but not IHO Members.	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 (UKHO)

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
MBSHC	2021	Georgia Malta Romania Ukraine Turkey Egypt Morocco Tunisia Bulgaria Albania	1	Workshop on Cartographic Data Management	To compensate the existing differences in Cartographic Data Management To pave the way for MSDI development	Increased awareness & knowledge Better implementation of Cartographic Data Management Standardization of Cartographic Data Management Higher possibility of MSDI development in the near future		15 000,00 €	Emre GULHER, ONHO,
MBSHC	2021	Georgia Malta Romania Italy Montenegro Turkey Egypt Morocco Tunisia Cyprus Albania Bulgaria Spain	2	Online Workshop on Transition to S-1xx Products	To compensate any differences with regards to S-1xx Products preparedness To establish an idea of easy transition from S-57	Increased awareness & knowledge; better implementation of S-1xx Products in the near future Standardization of S-1xx Products capabilities		5 200,00 €	Emre GULHER, ONHO,
MBSHC	2021	Georgia Malta Romania Italy Montenegro Turkey Egypt Morocco Tunisia Cyprus Albania Bulgaria Spain	3	Online Workshop on Airborne Lidar Bathymetry	To create awareness about an alternative technology and its offerings in hydrographic surveying	Increased awareness & knowledge on the subject Possibility of better surveying of shallow waters using ALB in the near future		5 200,00 €	Emre GULHER, ONHO,
MBSHC	2021	Tunisia Morocco Egypt Turkey Malta Romania Georgia Italy Cyprus Albania Bulgaria Montenegro Spain	4	Webinair on Using AI as Sonar Noise Classifier	To decrease the time & effort spent in analyses of sonar data	Better noise classification. Awareness of emerging opportunities	no	0,00 €	Emre GULHER, ONHO,

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
NIOHC	2021	Initially Iran, Jordan, Mauritius, Maldives, Qatar, Saudi Arabia, Seychelles, Somalia, Sri Lanka, Sudan and, but other nations from the NIOHC and RSAHC will be invited to participate.	1	MSI (training on establishment of MSI structure and basic MSI procedure) FORMER 2020 P-08	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	Improving maritime safety and compliance with SOLAS	Lecturers supplied by WWNWS	22 120,00 €	Mr Peter Doherty (NGA)
NIOHC	2021	Djibouti, Eritrea, Jordan, Maldives, Somalia, Sudan & Yemen together with member state, Myanmar and Associate Members, Mauritius and Seychelles (10 in all)	2	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 provide 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 not IHO MS.	Increased IHO Membership and regional engagement.		17 250,00 €	Lucy Fieldhouse (UKHO)
NIOHC	2021	10 participants Bangladesh, Saudi Arabia, Sri Lanka and Thailand (augmented by at least one nation from the adjoining SAIHC and RSAHC's).	3	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 supplied by UKHO	29 000,00 €	Lucy Fieldhouse (UKHO)
RSAHC	2021	Bahrain, Kuwait, Qatar, I.R. of Iran, Oman, Saudi Arabia and UAE	1	Raising awareness workshop on S-100/S-101	To make sure that the smooth transition from S-57 to S-101 is correctly will be done in RSAHC region	To familiarizing decision makers of RSAHC MS with the new S-100/S-101	Lecturers supplied by PRIMAR	14 940,00 €	Mr Saeid Parizi

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
RSAHC	2021	Bahrain, Kuwait, Qatar, I.R. of Iran, Oman, Saudi Arabia and UAE	2	MBES Processing course	To establish enough capabilities in personnel who are involved in using Multibeam Echo sounders and processing the gathered data in the region	To enhance maritime safety and maritime environment al protection	Lecturers supplied by UKHO	21 750,00 €	Mr Saeid Parizi
RSAHC	2021	Bahrain, Kuwait, Qatar, I.R. of Iran, Oman, Saudi Arabia and UAE	3	Basic ENC and ENC production course	To establish enough capabilities in personnel who are involved in producing ENC according to IHO standards, so they could have a good understanding of IHO standards for production of ENC's in the region.	To enhance maritime safety and maritime environment al protection	Lecturers supplied by PRIMAR	35 050,00 €	Mr Saeid Parizi
SAIHC	2021	Republic of Tanzania	1	Technical Visit to Republic of Tanzania	Technical Assistance and Advice	Provide guidance to Republic of Tanzania on addressing recommendations raised in IMSAS Audit and advise on ways to meet the countries obligations as a coastal state.		4 600,00 €	Lucy Fieldhouse (UKHO)
SAIHC	2021	Angola, Comoros, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles & Tanzania (neighbouring RHCs will be invited to attend)	1	MSI Course (from 2020 P-37 with updated costing)	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	Improving maritime safety and compliance with SOLAS		20 580,00 €	Lucy Fieldhouse (UKHO)
SAIHC	2021	Mozambique	2	ENC Training for Mozambique	Train cartographic technicians of Mozambique Hydrographic Office in the production of ENCs	Development of country in ENC production capability		8 550,00 €	Lucy Fieldhouse (UKHO)

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
SAIHC	2021	Angola, Comoros, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles and Tanzania	3	Raising Hydrographic Awareness (for SAIHC Associate and Non-Members)	To ensure that countries in the SAIHC 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 (UKHO)
SEPRHC	2021	Ecuador, Peru, Chile, Colombia 1 from MACHC 1 from SWAtHC	1	Workshop on MSI implementation and development	To explain to the National Coordinators roles, responsibilities and requirements, including the need to be informed of all events that could significantly affect the safety of navigation within the region with practice exercises	Increment the knowledge's about MSI techniques according IMO, IALA and IMO standards	Three lecturers Two Canada and one from Argentina	22 731,00 €	Captain Germán Augusto Escobar Olaya (Director CIOH)
SEPRHC	2021	Colombia, Chile, Ecuador, Perú, and MACHC + SWAtHC	2	Workshop " Update coast line for Nautical Cartography through the use of unmanned aerial vehicles"	Train the staff of the Hydrographic Offices of the region in the determine the limits of the precisions present in the cartographic products generated by the information obtained by unmanned aerial vehicles	Have in the Hydrographic Offices of the Region personnel trained in Update the coastline for Nautical Cartography through the use of information generate for unmanned aerial vehicles	Two lecturers	29 499,00 €	CNNV-SU Jorge Alavera
SEPRHC	2021	Ecuador, Peru, Chile, Colombia 2 from MACHC 2 from SWAtHC	3	Workshop on CSB implementation and development	To explain to the National Coordinators roles, the process, political, responsibilities, store and data format to be follow by ships for collect bathymetric	Increment the knowledge's about CSB techniques according B-12 IHO standards	Three lecturers	29 740,00 €	Captain Germán Augusto Escobar Olaya (Director CIOH)

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
SEPRHC	2021	Colombia, Ecuador, Peru, Chile, and MACHC and SWAtHC	4	Technical Workshop on Standardization in the use of tools "CARIS COMPOSER Paper Chart" Software	To develop a workshop on the standardization of the CARIS COMPOSER Paper Chart software tools in the production of Nautical Charts	Expand knowledge of personnel involved in the use of software tools. Standardization in the production processes of nautical charts. Greater relationship and support among the Hydrographic Services, expanding knowledge in the development and application of the software.	Company TELEDYNE	27 820,00 €	Captain Atilio ASTE Evans
SWAtHC	2021	Argentina, Brazil, Uruguay, Paraguay and Bolivia	1	Seminar on Raising Awareness of Hydrography	To instruct countries in relation to how they should take the necessary steps to fulfill their hydrographic and MSI responsibilities, highlighting the benefits and opportunities available to SWAtHC Full Members	Participants will have a better understanding of the regulatory framework that supports hydrography and how this can be a benefit to the coastal state, as well as the advantages of being an associate member of the SWAtHC and IHO	The CBSC fund contribution will cover travel and subsistence for 4 representatives of SWAtHC Associate Member and Observer	3 160,00 €	Captain Jose Dominguez (SOHMA)
SWAtHC	2021	Argentina, Brazil, Uruguay and four South America countries of MACHC and SEPRHC	2	Port and Shallow Water Survey Course	To improve SWAtHC members' ability to acquire and process multibeam and sidescan data, in shallow water areas, in order to enhance Nautical Charts quality	Improve qualifications of Hydrographers carrying our surveys for ENC production in South America	The CBSC fund contribution will cover travel and subsistence for 8 students	12 080,00 €	Captain (Ret) Luiz Claudio Monteiro da Fonseca (DHN)
SWAtHC	2021	Argentina, Brazil, Uruguay, Bolivia and Paraguay	3	Multibeam Data Processing and bathymetry database Workshop	To increase the ability of SWAtHC members to process and manage data on the technologies available in the processing of MBES and SSS, in order to improve the quality of ENCs and paper charts	Hydrographers that are more qualified would benefit the final quality of ENCs. The main purpose is to meet the s-44 specifications in order to enhance nautical charts quality	The CBSC fund contribution will cover travel, subsistence and local transportation for 6 foreign students and 2 trainees	20 400,00 €	Lieut. Mario Lucas CABALLERO (SHN)

Sponsor RHC	Year of Execution	Countries involved	Priority	Project Name	Project Objective	Benefits	Assistance required	Cost (Euro)	Contact Person
SWATHC	2021	Argentina, Brazil, Uruguay and four South America countries of MACHC and SEPRHC	4	Data Management Workshop	To discuss issues like, data qualifying, Metadata profile, data and metadata Storage/database, and database uses/queries, to increase the RHC capability on Data Management in order to properly use geo-referenced Databases.	More qualified hydrographers to use Nautical Charts database products within the South American region	The CBSC fund contribution will cover travel, subsistence and local transportation for 10 foreign students and 2 trainers	15 100,00 €	Capt. Jose DOMINGUEZ (SOHMA)
SWPHC	2021	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, PNG, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	1	Technical Workshop on Hydrographic Governance	1. To build institutional knowledge and capability to develop and implement enduring Hydrographic Governance 2. To create an environment in beneficiary nations conducive to sustainable capacity/capability building	1. Political will and buy-in of the importance of hydrography 2. Increased understanding of the need for an effective institutional framework to implement Hydrographic Governance 3. Implement Hydrographic Governance appropriate to each PICT 4. Enduring relationships between PICTs, providing regional support and mentoring 5. Enduring relationships between PICTs and PCAs and the development and implementation of bilateral arrangements	Fund travel and subsistence costs for 15 people from region to attend the Workshop	33 500,00 €	Cdr Matt Borbash (Deputy Hydrographer of the Navy, US Navy)
SWPHC	2021	Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, PNG, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu	2	MSI Regional Workshop	To build institutional knowledge, commitment and capability to deliver MSI for the region that will improve maritime safety and increase maritime domain awareness	1. Effective and enduring MSI input to NAVAREA X, XI and XIV Coordinators 2. Lasting contact between SWP Island States and Primary Charting Authorities within the region	Fund Travel, accommodation and subsistence for 15 participants from SWP region, for 3 NAVAREA trainers and 1 trainer from MSAF to attend workshop	34 400,00 €	Cdr Matt Borbash (Deputy Hydrographer of the Navy, US Navy)
Total:								599 120,00 €	

INTERNATIONAL HYDROGRAPHIC ORGANIZATION
CAPACITY BUILDING SUB-COMMITTEE
MANAGEMENT PLAN 2021

CBSC18

RHC	Priority	Project Name	1	2	3	4	5	6	7	8	9	Total	Phase	Priority	Resources	Sum	Observation
IHO/ROK	-	ROK Category A Programme										50	2		95 000	95 000	ROK earmarked
IHO/ROK	-	ROK Category B Hydrographic Surveying Program										50	2		484 800	579 800	ROK earmarked
IHO/ROK	-	Training for Trainers - Basic Hydrography										50	2		60 400	640 200	ROK earmarked
Japan	-	GEOMAC (Geospatial Marine Analysis and Cartography)										50	3		298 866	939 066	Nippon earmarked
MBSHC	4	Webinair on Using AI as Sonar Noise Classifier	0	0	0	0	0	0	0	0	0	50	2	1	0	939 066	
SWPHC	2	MSI Regional Workshop	3	10	5	5	6	5	5	-2	5	42	1	2	34 400	973 466	
SWPHC	1	Technical Workshop on Hydrographic Governance	3	10	5	4	6	5	5	-2	5	41	0	3	33 500	1 006 966	
NIOHC	1	MSI (training on establishment of MSI structure and basic MSI procedure) FORMER 2020 P-08	5	10	5	2	7	5	4	-2	5	41	1	4	22 120	1 029 086	
SAIHC	1	MSI Course (from 2020 P-37 with updated costing)	5	10	5	2	7	5	4	-2	5	41	1	5	20 580	1 049 666	
EAHC	2	S-100 seminar on the future of hydrographic products and services	3	10	5	4	8	3	3	0	5	41	0	6	20 000	1 069 666	
RSAHC	1	Raising awareness workshop on S-100/S-101	5	10	3	3	4	5	5	0	5	40	0	7	14 940	1 084 606	
SWAHC	1	Seminar on Raising Awareness of Hydrography	5	10	3	2	7	5	5	-2	5	40	0	8	3 160	1 087 766	
EAHC	1	Technical visit & Regional training center visit to Côte d'Ivoire FORMER 2020 A04	5	10	1	0	10	5	3	0	5	39	0	9	5 000	1 092 766	
SAIHC	1	Technical Visit to Republic of Tanzania	5	10	1	0	10	5	4	-1	5	39	0	10	4 600	1 097 366	
MACHC	1	Technical Visit to Honduras	5	10	1	0	8	5	5	-1	5	38	0	11	4 200	1 101 566	
NIOHC	2	Seminar on Raising Awareness of Hydrography	5	10	5	0	8	3	4	-2	5	38	0	12	17 250	1 118 816	
EAHC	1	Technical visit to Congo FORMER 2020 A01	5	10	1	0	8	5	3	0	5	37	0	13	5 000	1 123 816	
EAHC	1	High level and Technical visit to Senegal FORMER 2020 A08	5	10	1	0	10	3	3	0	5	37	0	14	5 000	1 128 816	
SEPRHC	1	Workshop on MSI implementation and development	3	10	3	0	7	5	5	-1	5	37	1	15	22 731	1 151 547	
EAHC	1	Developing and Implementing a Regional Framework for Disaster Mitigation and Management	3	10	5	0	6	5	5	-2	5	37	0	16	22 260	1 173 807	
SAIHC	1	Raising Hydrographic Awareness (for SAIHC Associate and Non-Members)	5	10	5	0	8	3	4	-3	5	37	0	17	16 750	1 190 557	
MACHC	1	High Level Technical Visit to Dominican Republic	5	10	1	0	7	5	5	-2	5	36	0	18	5 000	1 195 557	
MACHC	1	High Level Technical Visit to Jamaica	5	10	1	0	7	3	4	0	5	35	0	19	5 000	1 200 557	
MACHC	2	Seminar on Raising Awareness of Hydrography	5	10	5	0	6	3	4	-3	5	35	0	20	33 000	1 233 557	
SWAHC	2	Port and Shallow Water Survey Course	3	5	3	4	7	3	5	-2	5	33	2	21	12 080	1 245 637	Available:
EAHC	3	Hydrographic Data Managements to Support Disaster Relief	3	5	5	0	6	5	5	-2	5	32	2	22	22 260	1 267 897	1 259 581,29
EAHC	2	Tides and its application	3	5	5	0	6	3	5	0	5	32	2	23	22 260	1 290 157	
EAHC	4	Technical Visit to Cambodia	5	10	1	0	10	0	5	-3	3	31	0	24	5 720	1 295 877	
MBSHC	1	Workshop on Cartographic Data Management	3	1	5	0	7	5	5	0	5	31	3	25	15 000	1 310 877	
SEPRHC	2	Workshop on the update coastline for Nautical Cartography with unmanned aerial vehicles	3	5	3	0	7	3	5	0	5	31	2	26	29 499	1 340 376	
MBSHC	3	Online Workshop on Airborne Lidar Bathymetry	3	5	5	0	7	1	5	0	5	31	2	27	5 200	1 345 576	
NIOHC	3	MBES Processing course (with RSAHC)	3	5	5	2	7	1	4	-1	5	31	2	28	29 000	1 374 576	
SAIHC	2	ENC Training for Mozambique	3	1	1	3	10	3	4	0	5	30	3	29	8 550	1 383 126	
MBSHC	2	Online Workshop on Transition to S-1xx Products	3	1	5	0	7	3	5	0	5	29	3	30	5 200	1 388 326	
SEPRHC	3	Workshop on CSB implementation and development	3	5	3	0	7	1	5	0	5	29	2	31	29 740	1 418 066	
SWAHC	3	Multibeam Data Processing and Bathymetry Database Workshop	3	5	3	1	7	1	5	-2	5	28	2	32	20 400	1 438 466	
RSAHC	3	Basic ENC and ENC production course	3	1	5	2	4	1	5	0	5	26	3	33	35 050	1 473 516	
SEPRHC	4	Technical Workshop on Standardization in the use of tools "CARIS COMPOSER Paper Chart" Software	3	1	3	1	7	0	5	0	5	25	3	34	27 820	1 501 336	
SWAHC	4	Data Management Workshop	3	1	3	1	7	0	5	-2	5	23	3	35	15 100	1 516 436	