
Capacity Building Report

SWPHC 19



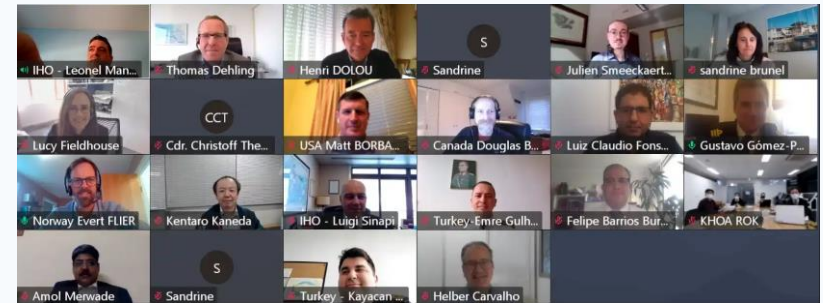
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IHO CBSC19 Intercessional Highlights (25-26 Feb 2021)

- CB Strategic Plan PT established to prepare a new CB Strategy aligned to the new IHO Strategic Plan
- Only 2021 CBWP funded activities will be moved to the 2022 CBWP
 - Non-funded activities from previous CBWPs should be cancelled and resubmitted.
- CB Coordinators asked to evaluate funded 2021 CBWP activities and consider cancelling or moving to virtual
- Solicited MS with experience in developing and providing e-Learning content to share contents, resources, and experience with the e-Learning PT
- Recognize ROK's important contribution to the CBWP
- Recognize UKHO's important contribution to CB with the availability of its virtual online training courses



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IHO CBSC19 Highlights (9-10 June 2021)

SWPHC Chair Report https://iho.int/uploads/user/Inter-Regional%20Coordination/CBSC/CBSC19/CBSC19_2021-05.1J_SWPHC_Report.pdf

- CB Coordinators to evaluate inviting other RHCs to virtual activities in the Region (Seminars, workshops, courses, etc)
- Secretary and Chair to create a CB Calendar of relevant remote activities of the Regions (Seminars, workshops and courses) <https://iho.int/en/calendar-cbsc-activities>
- Review of Intercessional agenda items
- Approval of 2022 CBWP....

Calendar CBSC Activities

Capacity Building Calendar where the relevant remote activities of the Regions (Seminars, workshops and courses) could be advertised to provide more publicity and allow Members from other regions to participate.



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Approved 2022 CBWP

- 33,500 € for a SWPHC Workshop on Disaster Response (43% of IHO CB Fund)
- Only 2 of 23 RHC Technical Workshop/Seminar/Course submissions were approved

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Approved 2022 CBWP
Updated: 6/5/2021

IHO WP Element: Capacity Building Assessment - Technical and High-Level Visits					
No.	Events	Responsible	Budget	Status	Resources
A-01	Technical visit to Belem	EAHHC	7,500 €	Lead by Date	IHO
A-02	Technical Visit to Republic of Maldives	NIQHC	4,600 €	Lead by Date	IHO
A-03	Technical Visit to Republic of Tanzania	SAHHC	4,600 €	Lead by Date	IHO
A-04	Technical visit to Sierra Leone	EAHHC	5,000 €	Lead by Date	IHO
A-05	Technical Visit to Belize	MACHC	1,000 €	Lead by Date	IHO
A-06	Technical visit to Guinea-Bissau	EAHHC	4,600 €	Lead by Date	Not funded yet
A-07	High level and Technical Visit to Madagascar	SAHHC	1,000 €	Lead by Date	Not funded yet
A-08	High level and Technical Visit to Comoros	EAHHC	5,000 €	Lead by Date	Not funded yet
A-09	Technical visit to Morocco	EAHHC	5,000 €	Lead by Date	Not funded yet
			46,300 €		

IHO WP Element: Capacity Building Provision - Technical Workshops, Seminars, Courses					
No.	Events	Responsible	Budget	Status	Resources
P-16	Introduction to Tides and Water Levels Workshop	SAHHC	20,450 €	Lead by Date	Not funded yet
P-17	Train for Training	SEPRHC	26,665 €	Lead by Date	Not funded yet
P-18	MBES Processing course (3 days)	NIQHC	29,000 €	Lead by Date	Not funded yet
P-19	Nautical Paper Chart Quality Control (QC)	SEPRHC	35,000 €	Lead by Date	Not funded yet
P-20	Remote Workshop on the Implementation of LoTS and S-121	MBSHC	7,000 €	Lead by Date	Not funded yet
P-21	MBES Processing course (3 days)	MACHC	29,000 €	Lead by Date	Not funded yet
P-22	S-101 Workshop	SEPRHC	27,820 €	Lead by Date	Not funded yet
P-23	S-102 Workshop	SEPRHC	27,820 €	Lead by Date	Not funded yet
P-24	Seminar on S-57 to S-101 Transition	EAHHC	20,700 €	Lead by Date	Not funded yet
P-25	MBES Processing course	SWAHC	15,400 €	Lead by Date	Not funded yet
P-26	MSDI and Data Management Workshop	SWAHC	14,600 €	Lead by Date	Not funded yet
P-27	Basic ENC production Course	SWAHC	15,800 €	Lead by Date	Not funded yet
	Subtotal of P (Provision)		1,325,277 €		

Resources:

IHO = IHO regular budget	Totals	1,371,577 €
ROK = IHO/ROK Programme of Technical Cooperation	IHO	77,453 €
Nippon = IHO-Nippon Foundation CHART Project	ROK	514,546 €
Nippon* = Nippon Foundation GEGCO Project	Nippon	292,866 €
IMO = IMO Funding IHO in kind	Not funded	480,715 €
	Not funded yet	

INTERNATIONAL HYDROGRAPHIC ORGANIZATION
Approved 2022 CBWP

IHO WP Element: Capacity Building Provision - Technical Workshops, Seminars, Courses					
No.	Events	Responsible	Budget	Status	Resources
P-01	ROK Category "A" Programme	Secretariat	95,000 €	Lead by USM, Hattiesburg, USA (1 August 2021-1 August 2022)	ROK
P-02	ROK Category "B" Hydrographic Surveying Program	Secretariat	338,603 €	Lead by IHO/A, Busan, ROK July-December 2021	ROK
P-03	IHO-NF GEOMAC (Geospatial Marine Analysis and Cartography)	Secretariat	298,866 €	Lead by UKHO, Triston, UK September-December 2021	Nippon
P-04	Training for Trainers - Basic Hydrographic	Secretariat	40,000 €	Lead by IHO/A, Busan, ROK IHO visit	ROK
P-05	Workshop on Disaster Response	SWPHC	33,500 €	Lead by Dates	IHO
P-06	Seminar on Raising Awareness of Hydrography	NIQHC	17,250 €	Lead by Dates	IHO
P-07	Bathymetric database management	SEPRHC	24,000 €	Lead by Dates	Not funded yet
P-08	Workshop on MSDI Development & Implementation	MBSHC	17,200 €	Lead by Dates	Not funded yet
P-09	MSI (training on establishment of MSI structure and basic MSI procedures)	MACHC	26,665 €	Lead by Dates	Not funded yet
P-10	Raising Hydrographic Awareness (for SAHHC Associate and Non-Member)	SAHHC	16,750 €	Lead by Dates	Not funded yet
P-11	Hydrography for Disaster Mitigation and Humanitarian Support	EAHHC	23,360 €	Lead by Dates	Not funded yet
P-12	Seminar on Raising Awareness of Hydrography	SWAHC	3,160 €	Lead by Dates	Not funded yet
P-13	S-100 (training on assessment of status and execute step by step with practical exercises)	SEPRHC	26,665 €	Lead by Dates	Not funded yet
P-14	Seminar: Relationship with NAVAREA II and PCA-Risk assessment-Survey specification	EAHHC	20,000 €	Lead by Dates	Not funded yet
P-15	Seminar on Raising Awareness of Hydrography	MACHC	33,000 €	Lead by Dates	Not funded yet



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IHO MS CB Activity – 2021 / 2022

2021

- Australia – CAT A program; University of Southern Mississippi, USA; graduated Aug 2021
- Indonesia – U.S. Navy IHMEP CAT B; graduated Aug 2021
- Fiji - Republic of Fiji Navy; HM Common Time Course at HMS DRAKE
- UK – Multiple virtual seminars attend by over 100 SWP participants
- USA – ESTOFS Webinar; Oct 2021
- SWPHC – S-100 workshop; Oct 2021

2022

Indonesia – U.S. Navy IHMEP CAT B; graduation Aug 2022
SWPHC – Hydrographic Leaders Programme

Education Opportunities:

France, UK, U.S. – CAT A & CAT B programs

Australia, Indonesia – CAT B programs



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IHO Sponsored SWPHC CB Activity - 2021

- Both of our CBSC18 approved MSI Regional Workshop and Technical Workshop on Hydrographic Governance events have been permitted to delay.



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Current State of SWP PICTs (updates only)

Country (last change)	SVPHC Status	IHO Member	Bilateral (Y/N)	Phase 1			Phase 2		Phase 3		PCA
	FM/AM/O			Hydro Governance	National MSI Coordinator	NHCC (who & how often do you meet?)	Hydro Survey		Charting		
							In-house	Bilateral	In-house	Bilateral	
Palau (SWPHC19 Feb 2022)	AM	X	Draft Bilateral with US 2020	Executive Order n. 421 (BOMT)	Yes. BOMT	Yes (2021)	On-island capability	With US Navy	X	Draft bilateral with US 2020	US
Niue (SWPHC19 Feb 2022)	AM	X	Y with NZ	SPC legal, technical, economic assessment completed. SPC SoN AtoN assessment complete 2019. Pending a cabinet submission. The Maritime Safety Act 2021 includes sections on NTM and navigational warnings, and AToN	Noted by Cabinet. Lynsey Talagi in role	No	X	X	X	Y, with NZ	NZ



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IHO SWPHC CB Activity – 3 Yr Plan 2022-2024

2022

- MSI Regional Workshop (Virtual) – 34,400 € approved (CBSC18 P-06)
 - To build institutional knowledge, commitment and capability to deliver MSI for the region that will improve maritime safety and increase maritime domain awareness
 - To provide MSI training to representatives from SWPHC
 - To increase the knowledge and experience to provide compliant MSI
 - To build enduring relationships with representatives from SWPHC



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IHO SWPHC CB Activity – 3 Yr Plan 2022-2024

2023

- Technical Workshop on Hydrographic Governance (ICW SWPHC20) – 33,500 € approved (CBSC18 P-07)
 - To build institutional knowledge and capability to develop and implement enduring Hydrographic Governance
 - To provide the knowledge and roadmap to deliver an effective institutional framework for Hydrographic Governance
 - To work with PICTs to develop a Hydrographic Governance structure that is fit for purpose and meets each PICTs requirements
 - To share experience and knowledge between SWPHC members
 - To build enduring relationships with representatives from SWPHC



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IHO SWPHC CB Activity – 3 Yr Plan 2022-2024

2024

- Workshop on Disaster Response (ICW SWPHC21) – 33,500 € approved (CBSC19 P-05)
 - To assess effectiveness of the SWPHC DRF and to establish necessary corrective actions to further refine and improve the DRF
 - To generate a scenario driven (table –top) disaster event and exercise the Disaster Response Plan
 - To identify lessons learned, successes and shortfall of the Plan
 - To share experience and knowledge between SWPHC members and other RHCs
 - To build relationships with representatives from SWPHC



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IHO SWPHC CB Activity – 3 Yr Plan 2022-2024

SWPHC 3-year CB Plan (2022-2024)

Submission to CBSC (due 31 st March)	(to be submitted to CBSC20 in 2023)	(to be submitted to CBSC20 in 2022)	(submitted to CBSC19 in 2021 and approved)	(submitted to CBSC18 in 2020 and approved)	(submitted to CBSC17 in 2019 and approved)	(submitted to CBSC16 in 2018 and approved)
Year of delivery	2024	2023	2022	2021	2020	2019
Regional SWPHC CB Activities (Funded by IHO CB fund – CBSC approved)	Carry over approval from 2021: Disaster Response Framework Workshop – Scenario Driven icw SWPHC21 Priority #1	Carry over approval from 2020: 2-Day Technical Workshop Hydrographic Governance icw SWPHC20 Priority #1	Carry over approval from 2020: Virtual MSI Regional Workshop Priority #1 Carry over approval from 2020 and postpone: 2-Day Technical Workshop Hydrographic Governance Newly approved, carry over, postpone: Disaster Response Framework Workshop – Scenario Driven	2-Day Technical Workshop Hydrographic Governance (linked with SWPHC18) - postponed MSI Regional Workshop - postponed + Other projects to be formulated at SWPHC18 (Feb 2020)	2020 CBWP P-09 2-Day Technical Workshop on MSI for Managers & Disaster Framework for SWPHC (linked with SWPHC17) DONE 2020 CBWP P-06 Training for Trainers on MSI DONE 2020 CBWP A-10 Technical Implementation Visit to Samoa (former 2019 CBWP A-01)	2019 CBWP P-12 2-Day Technical Workshop on Disaster Response Planning & Data Discovery (linked with SWPHC16) Priority #1 DONE 2019 CBWP A-03 Technical Assessment & advice visit to Palau & Marshall (NGA) DONE 2019 CBWP A-02 Technical Implementation Visit to Niue (former 2018 CBWP A-05) DONE 2019 CBWP A-01 Technical Implementation Visit to Samoa (former 2018 CBWP A-04) POSTPONED to 2020
IHO MS CB Activities		IHO-ROK Cat A Hydrographic Surveyor [USM]; Aug 2023 IHO-Nippon Foundation (GEOMAC) Project, [UKHO]; Aug 2023 UKHO Online	IHO-ROK Cat A Hydrographic Surveyor [USM] IHO CL-30/21 IHO-Nippon Foundation (GEOMAC) Project, [UKHO]; IHO CL08/22 by 15 Apr 2022; Convene Aug – Dec 2022 SWPHC Hydrographic Leaders Program (Cohort 1) UKHO Online	IHO-ROK Cat A Hydrographic Surveyor [USM] IHO CL-34/20 by 19 Feb 2021 IHO-Nippon Foundation Geospatial Marine Analysis and Cartography (GEOMAC) Project, [UKHO]; IHO CL08/21 TBD Sep 2021	IHO-Nippon Foundation Geospatial Marine Analysis and Cartography (GEOMAC) Project, [UKHO] IHO CL09/20 by 6 April 2020 IHO-ROK Cat A Hydrographic Surveyor [USM] IHO CL-49/19 by 17 Feb 2020	IHO-Nippon Cat B Nautical Cartography [UKHO] IHO CL04/19 by 29 March 2019
Non-IHO CB Activities		International Hydrographic Management Engineering Program (IHMEP), CAT B, [U.S. Navy] Feb – Aug 2023	International Hydrographic Management Engineering Program (IHMEP), CAT B, [U.S. Navy] Feb – Aug 2022	GEBCO TRAINING PROJECT [UNH] IHO CL11/20 by 30 April 2021	GEBCO TRAINING PROJECT [UNH] IHO CL11/20 by 31 March 2020	GEBCO Cat A Ocean Mapping [UNH] IHO CL12/19 by 29 Mar 2019
New Zealand Aid Programme - PRNI						
UKHO Programme - CME						

Notes: IHO CB Phase 1 – available to all SWPHC; IHO CB Phase 2 & 3 – available to IHO MS; PCA to assist complete CB Submissions (forward to CB Coordinator)



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