
South West Pacific Regional Hydrographic Commission

Capacity Building Report to CBSC22

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CB Activity Since CBSC21

- MSI Regional Workshop; July 2023
- S-100 Workshop #3; virtual in November 2023
- CB Strategy Working Group (CB WG) – CB Survey/Audit; January 2024
- Disaster Response Workshop (icw SWPHC21); February 2024
- Workshop on Ed 5.2.0 on the S-100 standard; virtual in April 2024



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2023 Activity

- MSI Regional Workshop (Nadi, Fiji 25-27 July); IHO Funding
 - 5 Trainers/facilitators from NAVAREAS X, XIV, and Maritime Safety Authority of Fiji
 - 15 Trainees from nine different PICTs and The Pacific Community (SPC)
 - Built institutional knowledge, commitment and capability to deliver MSI for the region that will improve maritime safety and increase maritime domain awareness
 - Provided MSI training to representatives from SWPHC
 - Increased the knowledge and experience to provide compliant MSI
 - Built enduring relationships with representatives from SWPHC



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2024 Activity

- Workshop on Disaster Response (Nadi, Fiji; 26-27 Feb); IHO Funding
 - Assessed effectiveness of the SWPHC Disaster Response Framework (DRF) and established necessary corrective actions to further refine and improve the DRF
 - Generated a scenario driven (table –top) disaster event and exercised the Disaster Response Plan
 - Identified lessons learned, successes and shortfalls of the Plan
 - Shared experience and knowledge between SWPHC members and other RHCs
 - Built relationships with representatives from SWPHC



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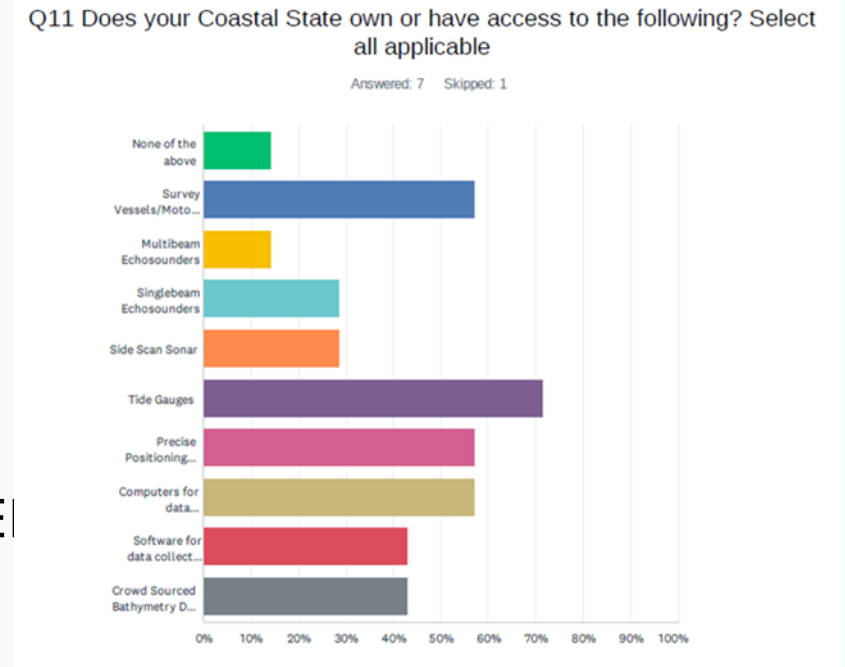
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Capacity Building Audit

22 Question, online survey, hosted by UKHO and Survey Monkey, 5 Jan – 2 Feb '24

- Demographics
- Assessed current phase and desire to grow
- State of current workforce and training
- State of current equipment and software
- Capability to survey, process data, produce charts (paper/Electronic)
- State of governance and PCA Relations



- 8 PICTs participated in the survey: **Cook Islands, Fiji, Kiribati, Palau, Papua New Guinea, Samoa, Solomon Islands, Vanuatu**



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Capacity Building Audit

Analysis - General Summary

- All responding PICTs are constrained by insufficient funding for hydrography
 - Limits size and breadth of workforce, availability of equipment, and capacity to conduct survey, processing, and charting
- All responding PICTs desire to grow their capability phase!
- PICTs with active national institutional arrangements for hydrography are in overall better health or state of capability – HYDROGRAPHIC GOVERNANCE is critical
- NONE of the responding PICTs produce ENCs



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Capacity Building Audit

Analysis - Needs Summary

- Sonar – only 1 MB and 2 SB identified in the survey
- Vessels – only 1 dedicated survey vessel identified in the survey
- Data processing software and associated training
- CAT A & B trained surveyors - resource (people and funding) dependent
- Trained cartographers; there is strong desire to produce own charts (go straight to S100)
- Legal/Policy advising expertise



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Capacity Building Audit

Ideas for Future Capacity Building Efforts:

- Equipment donations (and resource tails)
- Software and training
- Legal consulting
- Institutional Arrangement focused *Technical Visits*
- More Hydrographic Governance
- PCA led *familiarization* workshops



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2024 Additional Activity

- CB WG to develop a comprehensive 3-5 year CB Strategy
- Hydrographic Leaders Program #2 (HLP2) is approved for 2024
- New Proposal for 2025 submitted for limited IHO funding:
 - Technical Workshop on Hydrographic Contracts and Maritime Law (SWPHC2025-01)
 - Provide basics of developing, negotiating, and entering into contracts with hydrographic industry.
 - Develop better knowledge of maritime law to support growth of national institutional arrangements. Workshop will emphasize legal frameworks to improve access to commercial services and build understanding of SOLAS obligations to increase national prioritization of hydrography



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