



# 21<sup>st</sup> Meeting of the South West Pacific Hydrographic Commission

## National Report VANUATU

Presenter – Acting/Hydrographic Surveyor



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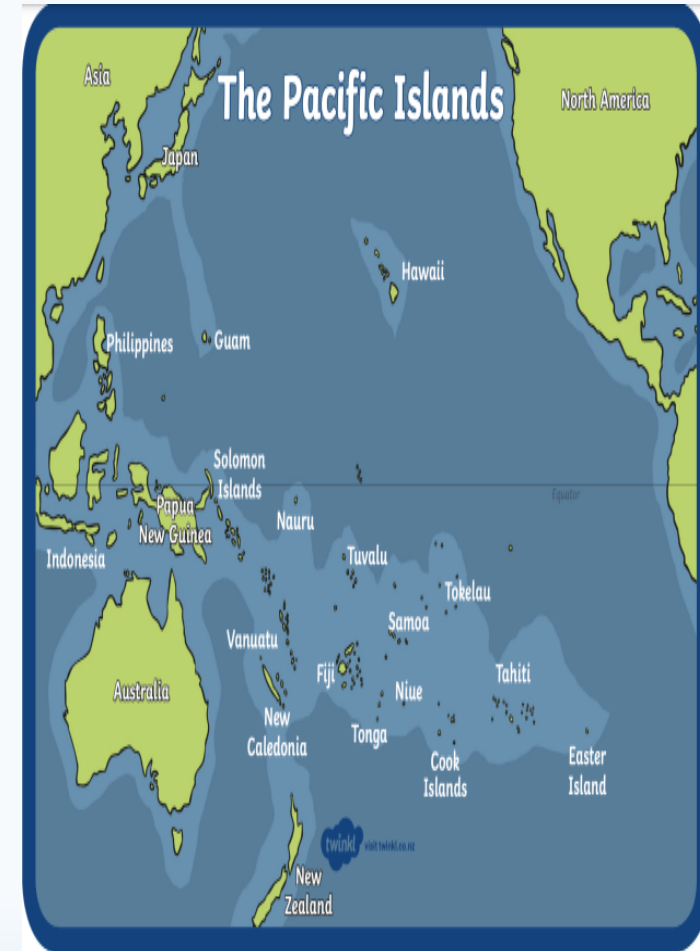
# Background

The Republic of Vanuatu is an archipelago with 83 islands that is about 500 miles (800 km) west of Fiji and 1,100 miles (1,770 km) east of Australia.

Vanuatu is member of the IHO and SWPHC and our PCA is UKHO.

Maritime transport infrastructure is the main key component within the transport system that people depend when it comes to trade and transportation at the domestic and international levels.

Ministry of Infrastructure and Public utilities is responsible for Maritime transportation infrastructure including the initiation of the National Hydrographic office.

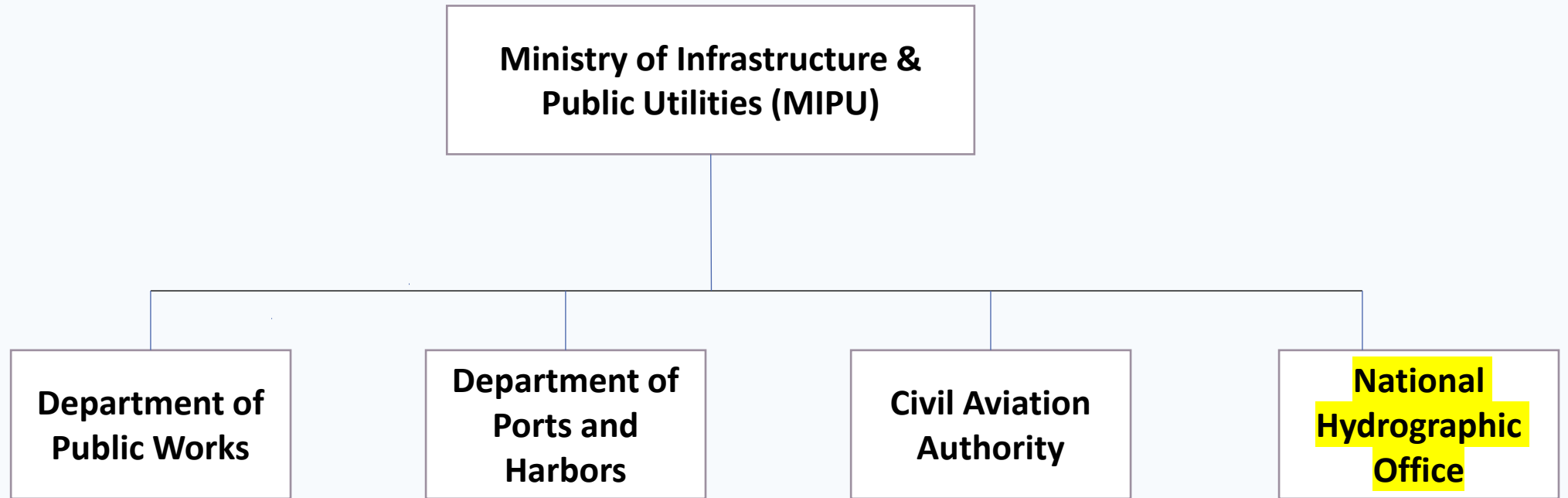


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# Organizational Structure



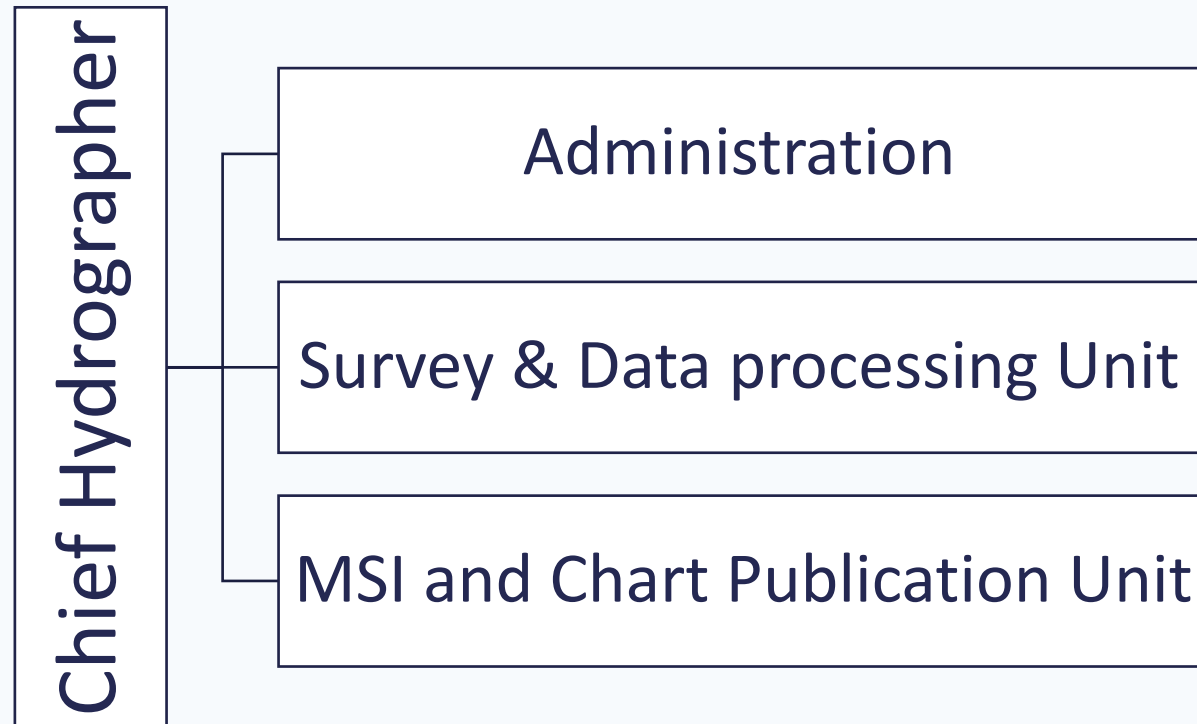
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# National Hydrographic Office Structure

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# Main achievements during the year 2023

## National Hydrographic Office Development

- Vanuatu is fortunate to have two (2) Officers with CAT B Hydrographic Surveyor licensed Holder
- The Government of Vanuatu endorsed a Hydrographic Governance Framework and the Bill Hydrography legislation is being prepared. Hopefully it will be going to Parliament this year 2024
- National Hydrography Office is currently underway in its initial stages of Establishment
- Achieved the UKHO Hydrographic Leadership Programmed certificate

# Capacity Building Achievements

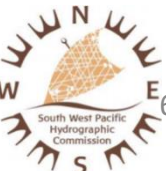
1. Two Qualified Hydrographer – CATB – Funded by JICA 2022
2. Completed a Training in Port Maintenance Planning – Funded by JICA 2023
3. 4 AtoN Level 1 Manager Course Completed
4. 1 Pilot undergoing Mater 3000 studies at the Fiji Maritime Academy
5. ISPS training conducted domestically



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# Maritime Safety Information

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A total of seven MSI have been sent to UKHO and Navarea Coordinator on the New Aids to Navigation installation in the Port of Luganville Channels



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# Aids to Navigation

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- DoPH structure have been approved which includes the 3 new positions for AtoNS
- **Projects**
  1. Safety of Navigation Project by SPC in the Port of Luganville
  2. Japan Grant Aid for Economic and Social Development Supporting Vanuatu Aids to Navigation Programmed



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# Port Operations (International Cruise and Cargo)



Year 2023	Months	Number of Calls	Number of Visitors	Number of Crews
RCCL	Jan –Dec	16	69,000	44,000
Carnival/P &O	Jan –Dec	42	116,000	110,000



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# Cargo

Year	2020	2021	2022
<b>Cargo Handling Volume (total)</b>	<b>165,000</b>	<b>158,000</b>	<b>169,000</b>
<b>1. Foreign Cargo (total) - including container cargo</b>	<b>63, 628TEU</b>	<b>65,625TEU</b>	<b>61,4088TEU</b>
<b>1-1. Export</b>	<b>7, 688TEU</b>	<b>7,470TEU</b>	<b>7, 107TEU</b>
<b>1-2. Import</b>	<b>63, 628TEU</b>	<b>65,625TEU</b>	<b>61,4088TEU</b>
<b>1-3. Main Commodities</b> e.g. Banana (export)	<ol style="list-style-type: none"> <li>1. COPRA</li> <li>2. KAVA</li> <li>3. COCOA</li> <li>4. COCONUT OIL</li> </ol>	<ol style="list-style-type: none"> <li>1. COPRA</li> <li>2. KAVA</li> <li>3. COCOA</li> <li>4. COCONUT OIL</li> </ol>	<ol style="list-style-type: none"> <li>1. COPRA</li> <li>2. KAVA</li> <li>3. COCOA</li> <li>4. COCONUT OIL</li> </ol>



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# Projects

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1. Vanuatu Interisland Shipping project – VISSP  
Constructions of the South Paray domestic wharf in the Port of Port Vila by ADB
2. Oceans Inter Island Maritime Project – OIMP-Designing of ten domestic wharves funded by ADB
3. Construction of five light houses funded by Vanuatu Government
4. Purchasing of two Used tug boats in Australia funded by Vanuatu Government



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# Main challenges and/or obstructions

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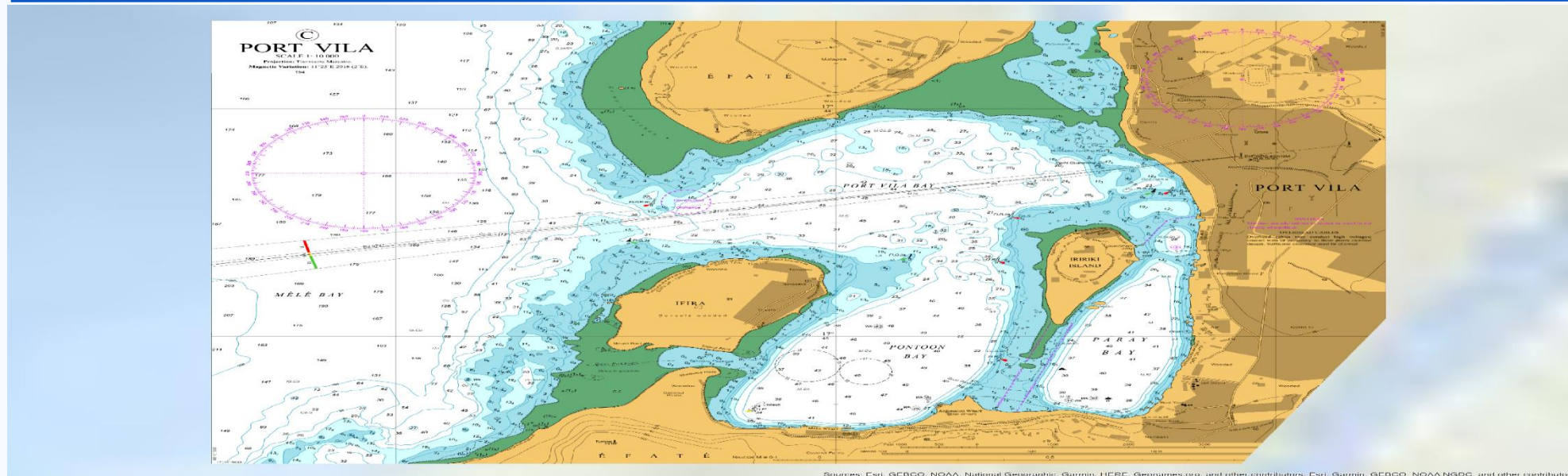
- Funding
- Survey equipment & Resources
- Capacity building
- More than 70% of our waters are not surveyed or charts are outdated



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Port of Port Vila entrance – 9m shoal to be re surveyed and dredge

Re Surveying of all our Domestic and International Ports



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# Damages by TC Judy/Kevin



Coastline damages to along the access to the Main wharf



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# Main Wharf Deterioration



- Deterioration of the Main International Wharf Port of Port Vila
- Over 300m Vessels cannot berth at the Main wharf





More than 300 m ships stay on anchor due to the short quay structure



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# Ports with updated charts

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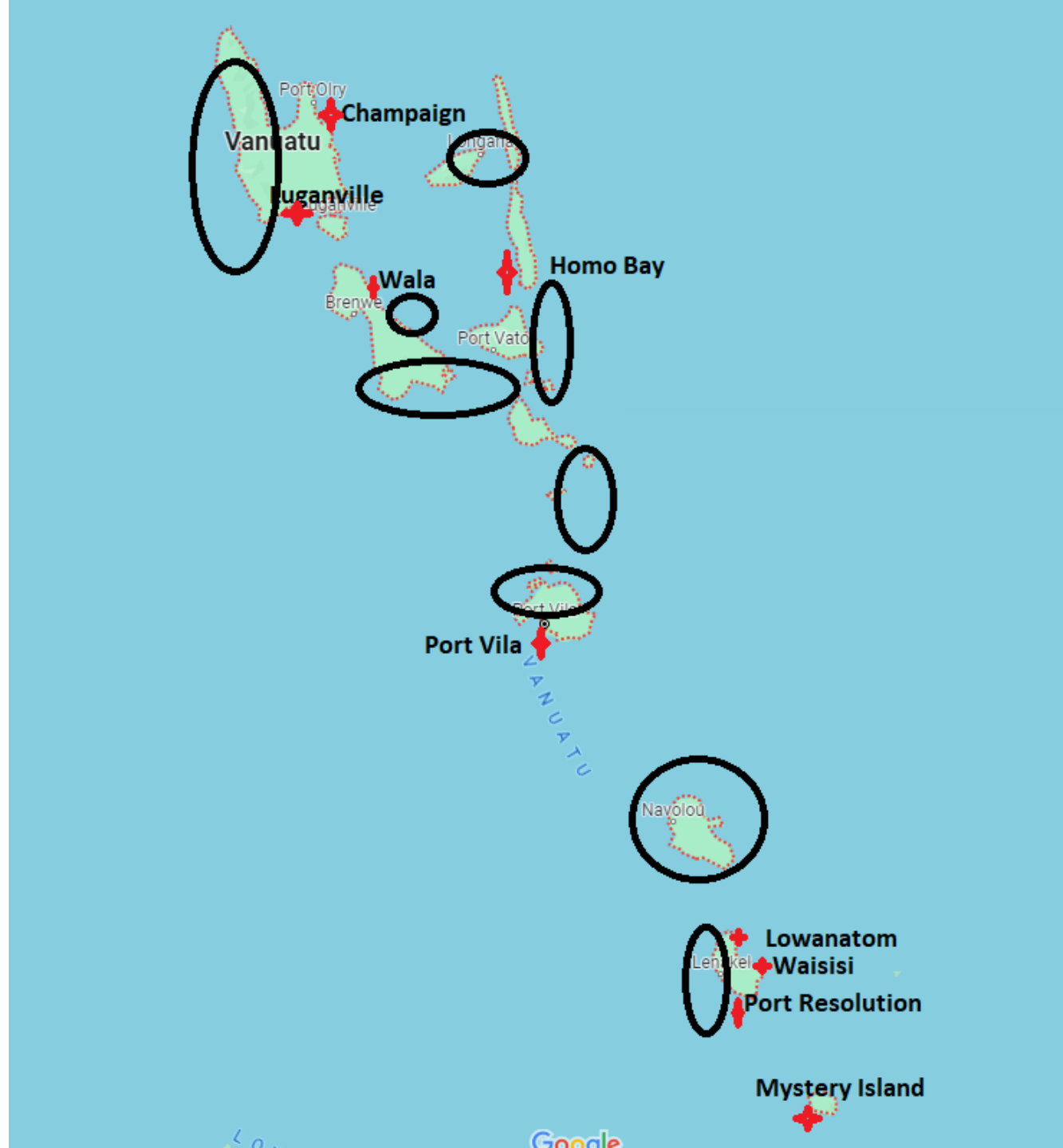
- Port Vila Harbor (2014) by SPC then re-surveyed in 2015 after TC PAM
- Port resolution, Tanna (2016) - UKHO
- Waisisi Tanna (2014) - SPC
- Sulphur Bay, Tanna Island (2014)
- Homo Bay, Pentecost (2014) by SPC
- Wala, Malekula (2014) by SPC
- Luganville Harbour, Santo Island (2014) by SPC
- Champaign Beach, Santo Island (2014) by SPC
- Mystery island (2014) – by SPC



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# Way forward: Vanuatu Action Plan

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- As a member of IHO and IMO we as a country are Obligated to provide hydrographic services as stipulated in SOLAS CHAPTER V- Regulation 9
- Whilst United Kingdom Hydrographic Office (UKHO) on behalf of the Vanuatu Government, update and promulgate the official nautical charts with information supplied, the Government finally approved a Hydrographic Framework in 2020 to set up an Hydrographic Office
- Council of Minister approved the initial sitting up of the Hydrographic Office Last year 2023



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# Phase 1 (2024-2025)

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- Legislative framework and establishment of the Unit
- Secured funding from the Government & External partners
- Sitting up, recruitment so we fully dedicated in the establishment
- Identify the existing chart, the maritime routes and anchorages/harbors that are of priority inline with the government national priorities
- Order/purchased of hydrography survey equipment's
- Seek technical assistance to help in the process of surveying
- Revisit/survey the chart of all the international gate ways (Port of entries and the two international port)



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# Phase 2 (2025-2028)

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- Creation of hydrographic surveying capability (i.e. survey in the coastal area where the needs are usually very pressing for instance, port/entry access of high volume of traffic & survey for AtoNs installations
- Capacity building with Primary chart authority (UKHO) or international partners such as JICA, SIMA, AMSA, SPC etc..
- Electronic Navigational Chart (ENC) for all our Main International Ports and Port of Entries



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# Phase 3 (2028 and beyond)

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- Be able to produce and maintain charts, Nautical Publications to end-users
- Produce more hydrographers, Cartographers, Surveyors Software programmers/Geographical information system specialist
- 80% or more of Vanuatu waters be surveyed and updated



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# SEE THE FUTURE, SEA is OUR FUTURE!!!

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- Vinaka Vakalevu
- Tankio Tumas long yumi everywan



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