
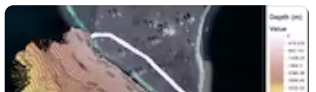


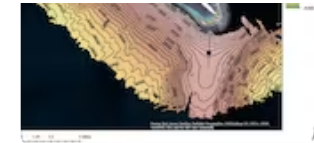
# Enhancing Disaster and Climate Resilient in the Republic of the Marshall Islands

## Monthly Update



### EDCR RMI Monthly Update January 2023

Output	Activities	Activity Details	Status as of January 2023	Next Action	Pictures
Output 1	1.1 Install inundation and tsunami and multi-hazard warning redundancy and climate data conduit through <b>Chatty Beetles</b> in 9 locations with 3 spares	<p>Chatty beetles are still the most reliable mean of communication with the outer islands. The possibility of sending warning sound alarm and text messages through satellite signal complements the HF/VHF communication and allow redundancy.</p> <p>9 Location: (to be stored at the weather stations)</p> <p>1) Ujae 2) Lae, 3) Wotho, 4) Likiep, 5) Ailuk, 6) Mejit, 7) Maloelap, 8) Aur, 9) Namu (changed from Arno), 10-12 Spare</p>	<ul style="list-style-type: none"> <li>NWSO informed that there is no need to provide funding for the chatty beetles.</li> <li>NWSO has been waiting from the University of Hawaii to ship chatty beetles.</li> </ul>	<ul style="list-style-type: none"> <li>Follow up with the shipment of chatty beetles.</li> </ul>	
Output 1	1.2 Provide 2 <b>Wave-Riders</b> that will support wave modelling and Realtime inundation forecasting and warning for coastal communities and long-term oceanographic measurements in strategic and vulnerable locations.	<p>Considering their proximity to the coast lines, the Waverider Buoys will enable NWSO to plan and predict level of erosion and salt water intrusion through storm damage and tsunami wave on coastal areas; and to make decisions oriented to the protection of natural ecosystems.</p> <p>Location:</p> <ol style="list-style-type: none"> <li>South of Jaluit, or</li> <li>North East of Kwajalein (pending subject to the budget availability)</li> <li>Spare</li> </ol>	<ul style="list-style-type: none"> <li>PacIOOS created the criteria for installing a buoy and shared with a board member of PacIOOS from the US Navy who could provide possible locations from their office. However, there was no update.</li> <li>NWSO, PacIOOS and</li> </ul>	<ul style="list-style-type: none"> <li>NWSO to discuss with MIMRA if their new eco sounder is installed so that PacIOOS/NWSO could dispatch a mission to Kwajalein to verify the potential deployment location.</li> </ul>	 




UNDP agreed to install a buoy at south of Kwajalein. PacIOOS has shared the map with potential location which requires verification.

NWSO will seek supports from MIMRA to use their new equipment (eco sounder).

- PacIOOS researched on the potential bathymetry equipment. They recommended to procure a single beam eco sounder which is estimated around 100,000 including equipment, software, training and pole mount. NWSO discussed further with MIMRA to provide a dedicated boat to mount this equipment.

- NWSO to confirm with MIMRA on the type of the boat to be installed the new bathymetry equipment.
- NWSO to obtain marine traffic information around Kwajalein to check the vessel track.
- PacIOOS to design and build the mooring system for deployment.

Output 1	1.3 Link the Northern Meteorological Offices with HF radio as per Pacific Island Communication and Infrastructure (PICI) Panel Workplan 2019	Activity was cancelled as per Project Board decision.	Cancelled	<ul style="list-style-type: none"> <li>• No action is required.</li> </ul>
Output 1	1.4 Provide appropriate and improved disaster preparedness and response communication and other equipment to GOB/EOC.	<p>The project will provide the National EOC with the required equipment for information management, monitoring and coordination. This may include: computers and software, multimedia equipment, communication equipment (telephone, WIFI and fibre optic, if possible).</p> <p>HF/VHF, Furniture, equipment for national EOC</p>	<ul style="list-style-type: none"> <li>• UNDP and DCS Abacca and Wesley discussed on the suggested items for ICT equipment and furniture. UNDP is liaising with the Procurement Service Unit.</li> </ul>	<ul style="list-style-type: none"> <li>• Obtain quotes from the potential supplier.</li> </ul>

		HF/VHF radios	<ul style="list-style-type: none"> <li>UNDP has sent the suggested ICT equipment to NDMO and World Bank PREP II project for their comments.</li> </ul>		
Output 2	2.1 <b>Construct NDMO centre</b> (including NEOC and a disaster warehouse) facility in Majuro that meets disaster preparedness, international and functional standards	A new building will be constructed for the Emergency Operations Centre (EOC) in a two-storey building. A warehouse will be accommodated on the ground floor (containing 2-3 level steel storage racks and storage room for chemicals), while the second floor will be used for office rooms (EOC management, information management, logistics and communication) and conference room. Facilities such as generator, fuel storage, potable water storage and water treatment plant will be accommodated on the ground floor. In addition, a separate building will be constructed in addition to the EOC as a back-up information centre for the whole of government. since the National Telecommunication Authority (NTA) has provided the land for these facilities.	<ul style="list-style-type: none"> <li>This activity was cancelled due to the shortage of funds.</li> </ul>	N/A	
Output 2	2.2 Support construction of one <b>GOB/EOC in Ebeye</b> including feasibility option, design and technical file preparation, and finalize construction subject to availability of funds and Government of Japan approval	Considering the appalling conditions of the government building in Ebeye, a new facility will be constructed to accommodate public servants. In case of disasters, this building will be used as an Emergency Operations Centre. The building will be constructed in an area of 2,907 sqft. in two storeys. The ground floor will be used as an evacuation centre and for distribution of humanitarian assistance. The second floor will be used for the Deputy Chief Secretary Office and the disaster management team.	<p>Progress as of January 2023 is the following:</p> <ul style="list-style-type: none"> <li>Fabrication of temporary facility.</li> <li>Relocation of power utility is in progress.</li> <li>24 of the 27 submittals have been approved.</li> <li>Purchase order of 13 items have been confirmed.</li> <li>Delivery date of 3 items (Rebars, square welded mesh, and vapor barrier) have been known.</li> </ul>	<p>Next action for the month of February 2023:</p> <ul style="list-style-type: none"> <li>Submittals for the remaining materials including RFA.</li> <li>Obtain the remaining permits.</li> <li>Procurement and delivery of construction materials at site.</li> </ul>	
Output 2	2.3 Supply and upgrade critical infrastructure and	<p>Procure followings:</p> <ul style="list-style-type: none"> <li>Furniture and fixtures for Majuro/Ebeye EOC</li> </ul>	<ul style="list-style-type: none"> <li>Requisition was made to request a PO for water trucks to UNDP</li> </ul>	<ul style="list-style-type: none"> <li>Evaluation of the pick-up truck</li> <li>Finalize the</li> </ul>	

equipment for emergency response and preparedness

- Backup generators for MWSC
- Water trucks for MWSC and KAJUR
- Utility (pick-up) truck for Ebeye NDMO

Procurement Support Unit in Malaysia (20 Jan)

- Quotes obtained from the UNOPS on the generator. Specification was confirmed.
- Advertisement of a pick-up truck was issued on 10 Jan (closure 23 Jan)

procurement of furniture for Ebeye EOC, water trucks and generators

- Discuss on the items required under furniture/fixtures for Majuro EOC