



Republic of the Philippines  
Department of Environment and Natural Resources

**MIMAROPA Region**

**Provincial Environment and Natural Resources Office**

Bgy. Sta. Monica, Puerto Princesa City, Palawan

E-mail: penropalawan@denr.gov.ph

Telfax No. (048) 433-5638

August 22, 2023

**MEMORANDUM**

**FOR :** The Regional Executive Director  
DENR MIMAROPA  
1515 DENR By the Bay Bldg., Roxas Boulevard,  
Barangay 668, Ermita Manila

**THRU :** The OIC Assistant Regional Director for Technical Services


**FROM :** The Provincial Environment and  
Natural Resources Officer

**SUBJECT :** 2<sup>nd</sup> QUARTER ACCOMPLISHMENT REPORT ON SNAKE  
ISLAND FROM APRIL TO JUNE 2023


Forwarded is the memorandum dated August 22, 2023 of PENRO Conservation and Development Section along with the 2<sup>nd</sup> quarter accomplishment report on Snake Island – NCMCR for CY 2023.

For information and record.

“For the PENRO”

  
**RONIE B. GANDEZA**  
DMO V/ TSD CHIEF  
In-Charge, Office of the PENRO



DENR-PALAWAN  
PENRO-RECORDS  
**RELEASED**  
By:   
Date: 23 AUG 2023  
CN 2023-2299



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**FOR :** **The Regional Executive Director**  
MIMAROPA Region  
1515 DENR by the Bay Building, Roxas Blvd.  
Barangay 668, Ermita, Manila

**THRU :** The OIC Chief,  
Technical Services Division

The Chief,  
Conservation and Development Section/ SIMO

**FROM :** Brian A. Anas  
Data Manager, Snake Island NCMCR

**SUBJECT :** **2<sup>nd</sup> QUARTER ACCOMPLISHMENT REPORT OF SNAKE ISLAND – NCMCR FOR CY 2023**

Respectfully submitted is the 2<sup>nd</sup> Quarter Accomplishment Report for CY 2023 of Snake Island – National Coastal and Marine Center for Research.

This report includes manpower requirements, updating activities on the Operational Plan for 2023 – 2028, resource assessment activities, maintenance of facilities, program and monitoring and other special activities conducted in the island. Further, updated financial utilization versus fund allocation were presented.

This will serve as Means of Verification (MOV) for Snake Island NCMCR CY 2023

For your information and record.

  
**BRIAN A. ANAS**

Noted by:

  
**RHODORA B. UBANI**  
Chief, CDS/SIMO

**2<sup>nd</sup> QUARTER  
ACCOMPLISHMENT REPORT  
CY 2023**

***Snake Island***

**National Coastal and  
Marine Center for Research  
(SI-NCMCR)**



Republic of the Philippines  
Department of Environment and Natural Resources  
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**PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE**

Province of Palawan

**SNAKE ISLAND NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH**



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## **2<sup>nd</sup> QUARTER (APRIL-JUNE) ACCOMPLISHMENT REPORT OF SNAKE ISLAND AS THE DENR NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH FOR CY 2023**

### **A. Manpower and Staffing Requirements**

The Snake Island NCMCR Management Office is headed by SIMO Rhodora B. Ubani under the supervision of Provincial Environment and Natural Resources Officer Felizardo B. Cayatoc along with the renewal of nine (9) Job Order personnel for Snake Island NCMCR to perform activities in achievement of the functions, programs and plans stipulated in the 5-Year Operational Plan of Snake Island as the DENR National Coastal and Marine Center for Research. The following personnel are as follows: Ms. Demi Patrischia D. Samson (Marine Biologist II), For. Sanny A. Nedroda (Data Manager), Mr. Jamael B. Masacal and Mr. John Carlo J. Talan (Research Assistants), Mr. Orlando S. Baylon (Boat Captain), Mr. Rugymel D. Monticod and Mr. Mark Angel A. Lito (Law Enforcement Officers) and Mr. Vincent G. Arcaño and Mr. Cristian B. Espinosa (Facilities Maintenance).

### **B. Updating of Snake Island five years Operational Plan for 2023 to 2028**

#### **▪ Snake Island Updating Operational Plan**

The conducted said updating of five (5) years operational plan for 2023 to 2028 at Aziza Paradise Hotel on June 27, 2023. There are Forty-seven (47) individuals participated on the said activity that include the Snake Island Team headed by SIMO Rhodora B. Ubani, DENR BMB, ERDB, MIMAROPA Region, CENRO Puerto Pricensa, Planning and Development Office, Academe: Palawan State University and Western Philippine University, City Agriculture Office, City Tourism Office, City ENRO, Provincial Agriculture, Provincial ENTO, HOBBAI, LGU: Barangay Manalo, Salvacion, Sta. Cruz, Bacungan, Sta. Lourdes and Tagbueros.



Group photo of Snake Island NCMCR Public Hearing CY 2023



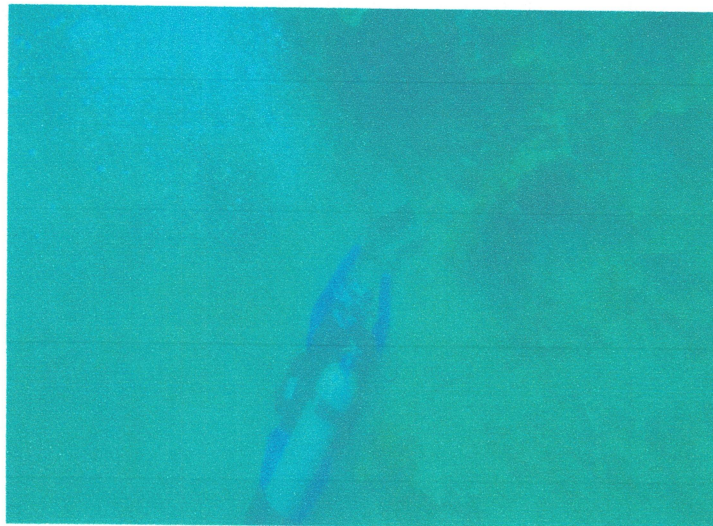
### C. Resource Assessment

#### ■ ARMS Monitoring

Regular monitoring to secure the presence of Autonomous Reef Monitoring Structure (ARMS) unit on the following dates: April 21, 2023, May 30, 2023, and June 20, 2023 in the deployment area (09°54'21.6" N, 118°49'24.7" E) in 18 meter's depth.

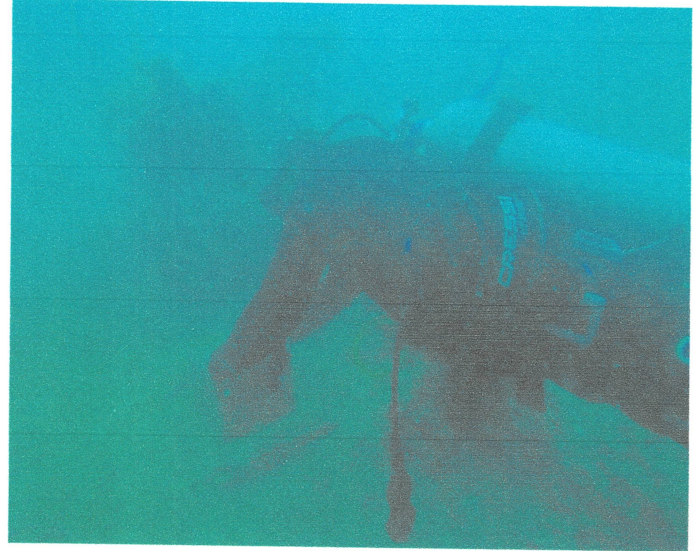


ARMS Monitoring on April 21, 2023



ARMS Monitoring on May 30, 2023





ARMS Monitoring on June 20, 2023

■ **2<sup>nd</sup> Quarter Waterbirds Census CY 2023**

The 2<sup>nd</sup> Quarter Waterbirds Census was conducted on June 13, 2023 in partnership with City ENRO and CENRO Puerto Princesa City at Snake Island NCMCR. During the assessment, twenty-four (24) bird species were observed, with a total of one hundred fifty (150) individuals counted from June 13, 2023 at 6:00AM to 5:00 PM with a sunny weather.

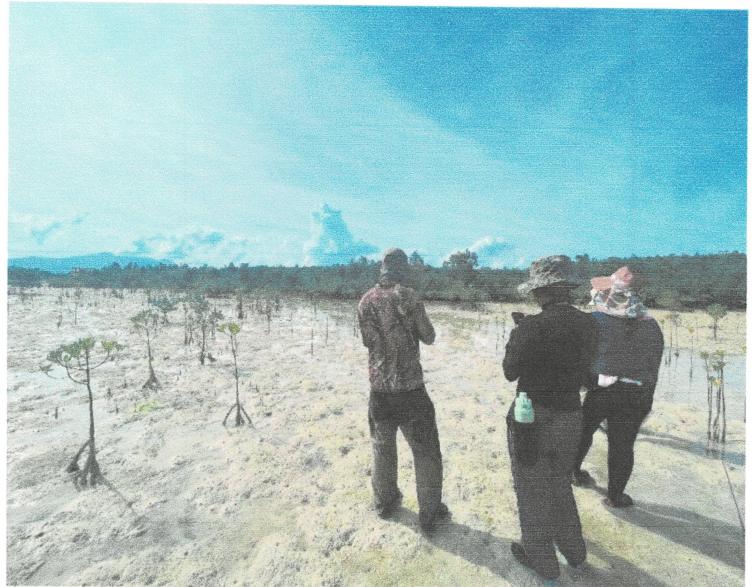


Photo during waterbirds monitoring in Snake Island NCMCR



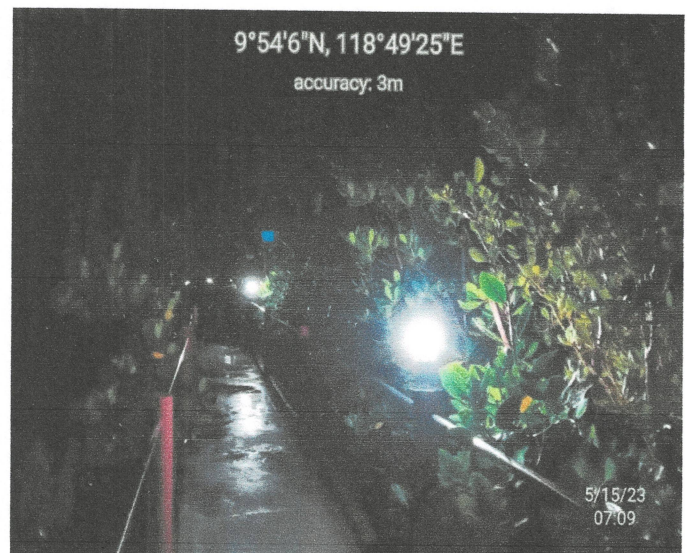
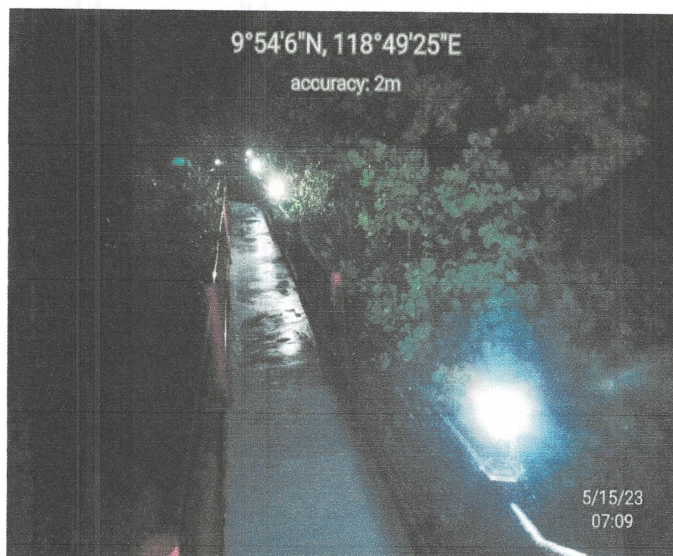
■ **Coastal and Marine Resources Assessment and Monitoring**

Conducted coastal and marine resource assessment and monitoring for dry season in Snake Island.



**D. Maintenance of buildings and other facilities**

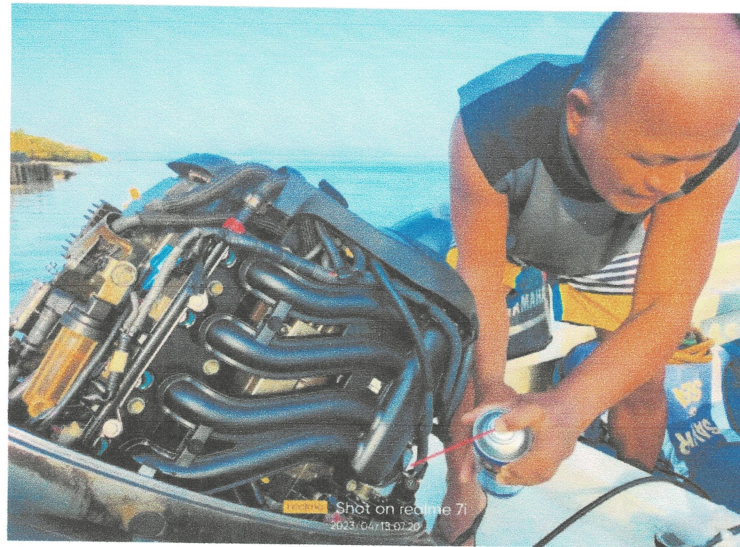
Maintenance of Snake Island building, speedboat, and placing of culvert in front the building.  
New generator set for Snake Island for an additional emergency power supply of Snake Island NCMCR for the 2<sup>nd</sup> quarter CY 2023.



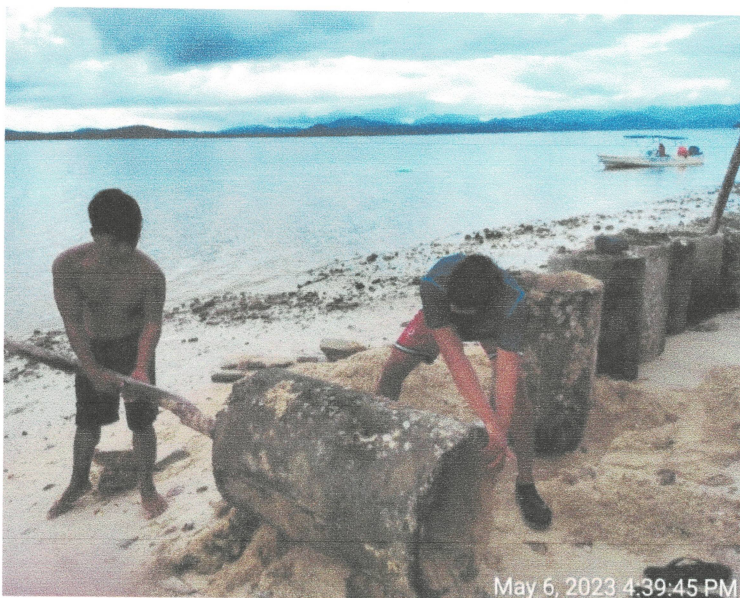
Photos during the lighting of board walk of Snake Island NCMCR on May 15, 2023



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Photos during maintenance of speedboat engine of Snake Island



Photos during the placement of culvert in front of Snake Island Administrative Building



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Photos of new unit of generator set for Snake Island

**E. Program and monitoring activities**

- Conduct of land and sea patrol in Snake Island National Coastal and Marine Center for Research (NCMCR) to monitor other anthropological activities conducted in the island for potential studies. Likewise, illegal activities observed within the area jurisdiction were recorded and reported.



Photos during the conduct of sea patrol of Law Enforcement Officer Rugymel D. Monticod at Snake Island NCMCR

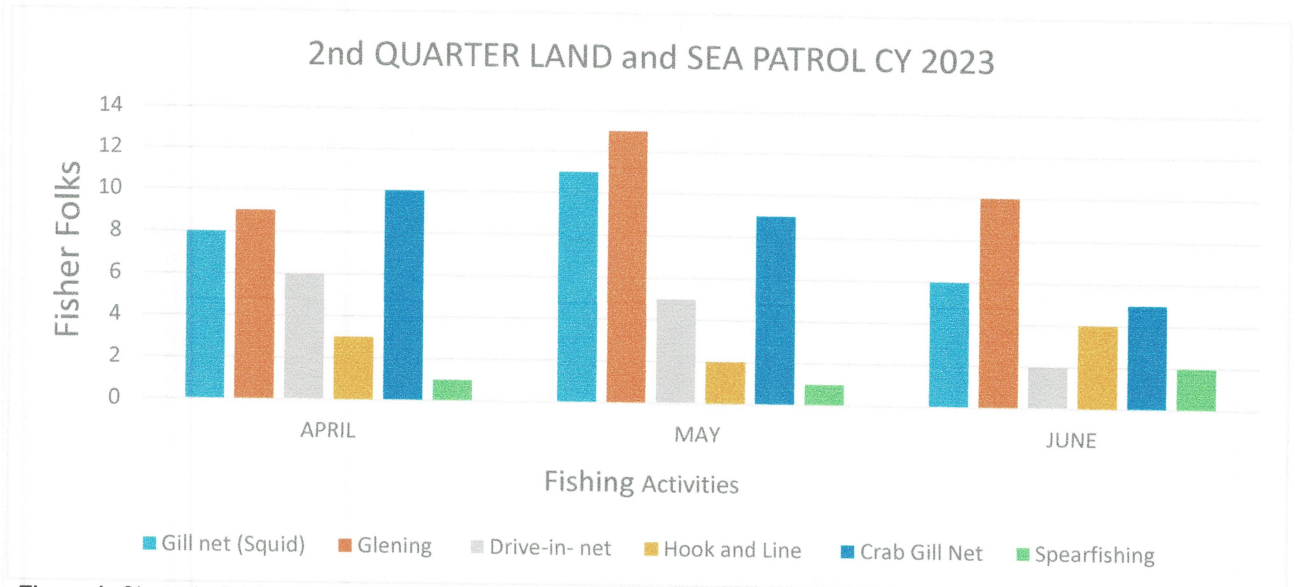


Figure 1: Six main fishing activities identified in the island for the month of April to June 2023 with Gleaning has the highest rate followed by Gill net, Crab Gil Net, Drive in net, Hook and Line, and with spearfishing has the lowest.

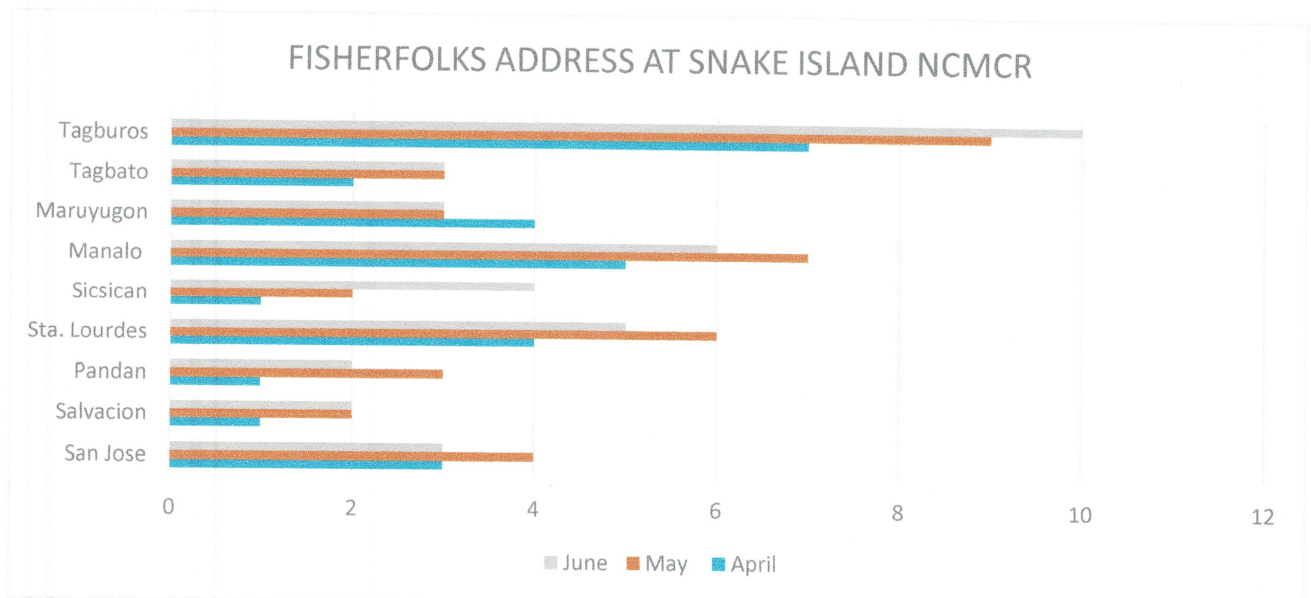


Figure 2: Nine (9) Identified barangays that benefited on marine resources of Snake Island were recorded for the 2<sup>nd</sup> quarter of CY 2023 namely: Barangay Tagburos with the highest number of fisher folks recorded followed by Barangay Manalo, Sta. Lourdes, San Jose, Maruyugon, Tagbato, Sicsican, Pandan, and Salvacion with the lowest



- **Marine Debris Monitoring**

- Continuous monitoring of marine debris with sorting and counting of collected non-biodegradable waste materials and eight (8) trash bags were filled with approximately seventeen (17) kilos were collected for a 500 m distance at Snake Island for the 2<sup>nd</sup> quarter of 2023.

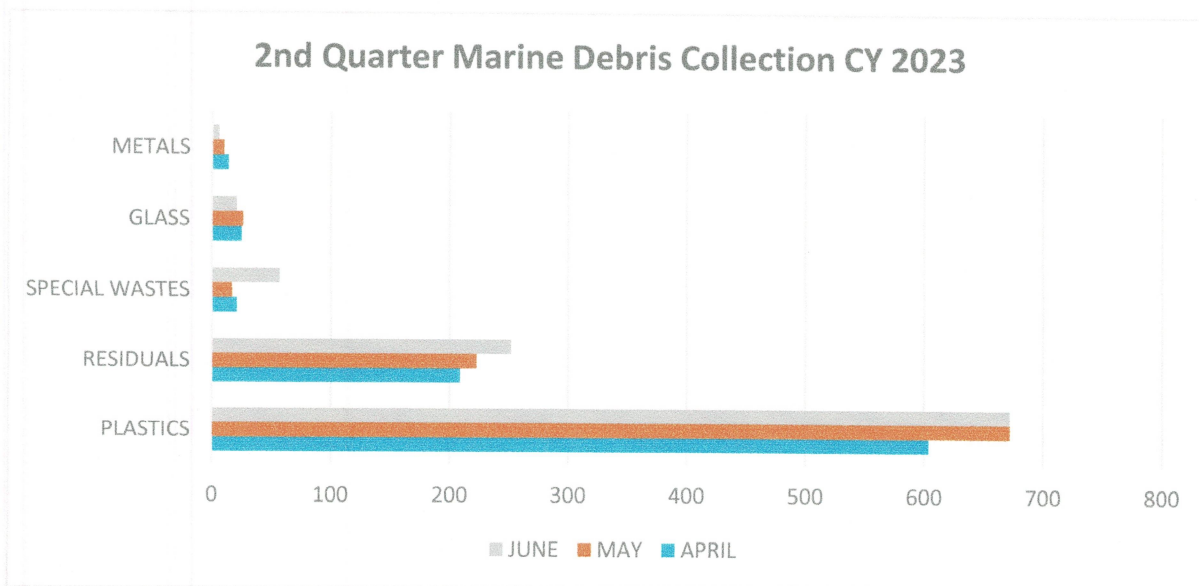


Figure 3: Total number of marine debris collected for the month of April to June 2023 which June and May has the highest number of marine debris collected while April has the lowest number of marine debris collected for the 2<sup>nd</sup> quarter. The marine debris with the highest number of collection are plastics followed by residual.



- **Monitoring of Gleaning Activities**

A total of Forty-one (41) males and Twenty-three (23) females visited the Snake Island NCMCR for gleaning (panginginas) activities for April to June 2023 with most coming from Barangay Manalo followed by Barangay Tagbueros, and Tagbato,



Photos during the conduct of gleaning monitoring of Law Enforcement Officer Mark Angel. Lito at Snake Island NCMCR

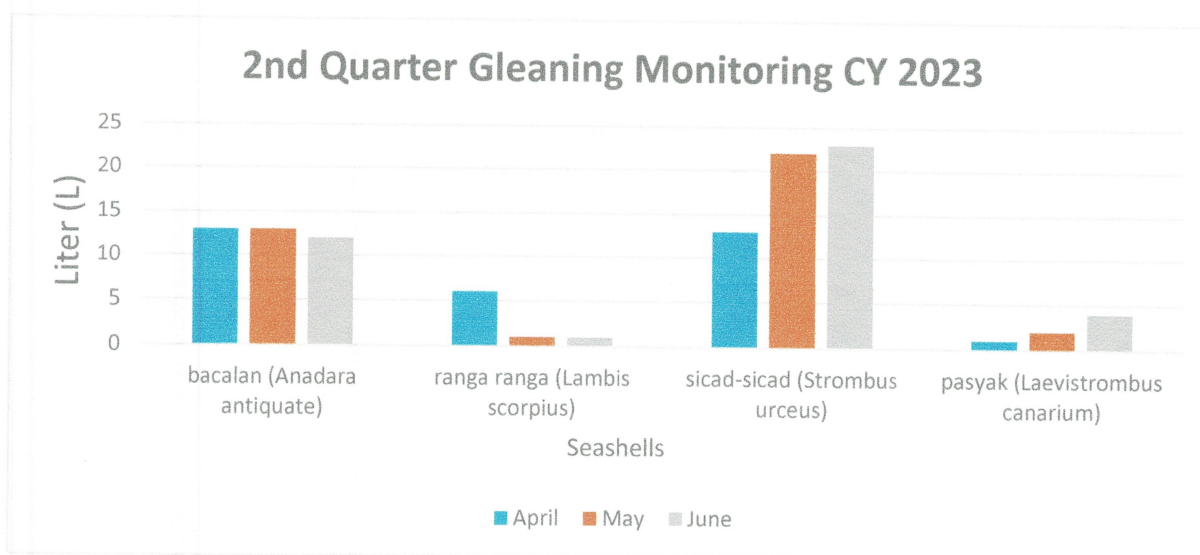
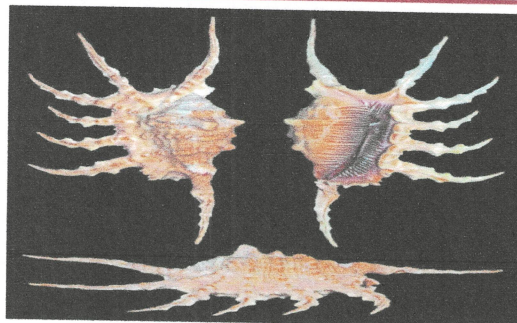


Figure 4: Top four species of sea shells collected by gleaners from April to June 2023: *Strombus urceus* or locally known as "sicad-sicad", *Anadara antiquate* or "bacalan", *Lambis scorpius* or "ranga - ranga" and *Laevistrombus canarium* or "pasyak".



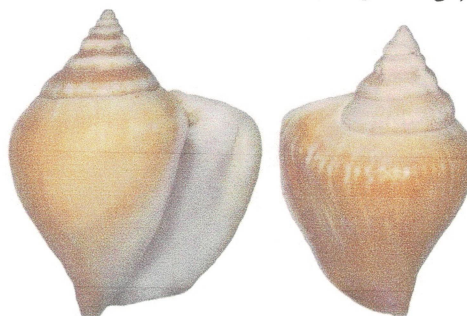
*Strombus (Canarium) urceus* (Sikad sikad)



*Lambis scorpius* (ranga-ranga)



*Anadara antiquate* (bakalan)



*Laevistrombus canarium* (pasyak)

Sampled photos of the four species of gleaned sea shells taken at Snake Island NCMCR

#### • Fuel Consumption

Gasoline consumed for the 2<sup>nd</sup> Quarter of CY 2023 for the official use of Speedboat with a total of 805 liters of gasoline consumed.

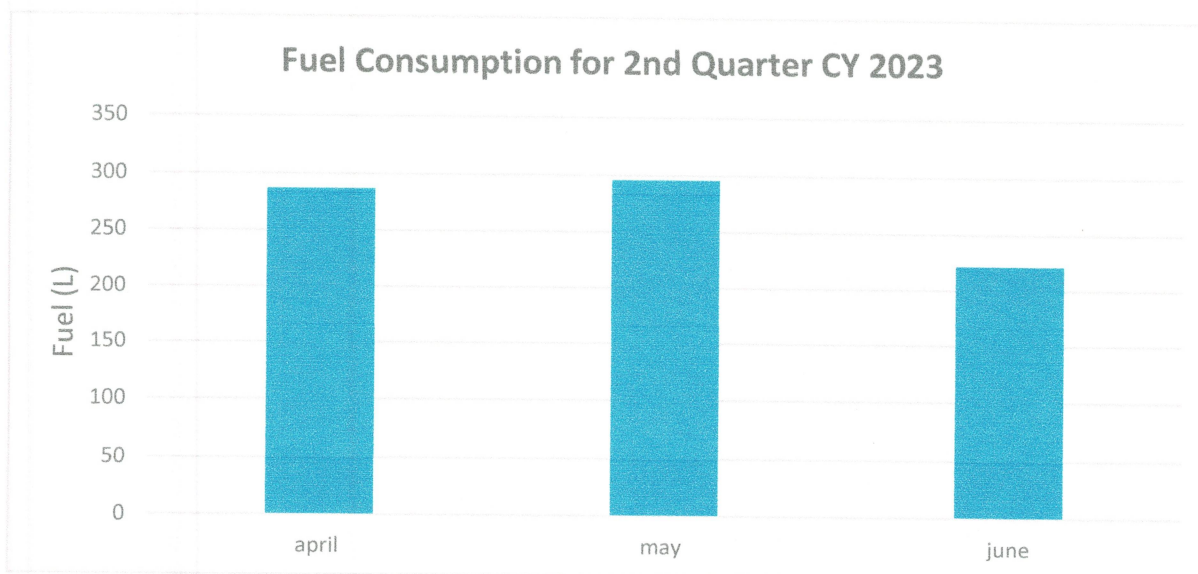


Figure 4: Graph showed that the month of May 2023 has the highest amount of gasoline consumed followed by April and June with the lowest rate gasoline consumption.



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**F. 2<sup>nd</sup> Quarter Physical and Financial Accomplishment Report CY 2023**

PPAs/INDICATORS	PHYSICAL				FINANCIAL		
	ANNUAL TARGET	TARGET TO DATE	ACCOM as of June 30	% ACCOM (to date)	ALLOT. (*000)	OBLIG. (to date)	DISB. (to date)
<b>Snake Island NCMCR</b>							
1. Hiring of Job Orders							
a. Marine Biologist	1	1	1	100%	403	201,450.00	201,042.95
b. Data Manager	1	1	1	100%	240	120,000.00	106,346.62
c. Research Assistants	2	2	2	100%	450	225,000.00	224,974.64
d. Law Enforcement Officers	2	2	2	100%	418	208,800.00	208,798.80
e. Boat Captain	1	1	1	100%	223	111,474.00	111,474.00
f. Boat Crew	1	1	1	100%	169	84,408.00	61,272.00
g. Facilities Maintenance	1	1	1	100%	169	84,408.00	47,204.00
2. Finalization of updated Operational Plan	1	1	1	100%	75	42,395.92	42,395.92
3. CEPA Campaign	4	4	4	400%	100	53,589.00	53,589.00
4. Resource Assessment							
a. Waterbird Census	4	2	2	100%	100	32,645.00	32,645.00
b. Monitoring of ARMS	12	6	6	100%	100	28,127.00	28,127.00
c. Coastal and Marine Resources Assessment and monitoring	2	1	1	100%	200		
5. Maintenance of buildings and other facilities	12	6	6	100%	1,645	306,840.00	306,840.00
6. Construction of Main Building	1	1	1	100%	5,000	600,000.00	600,00.00



## G. Other Activities

- **SCUBASURERO**

Scubasurero activity and Coastal Clean-up at Snake Island NCMCR together with PNP Maritime.

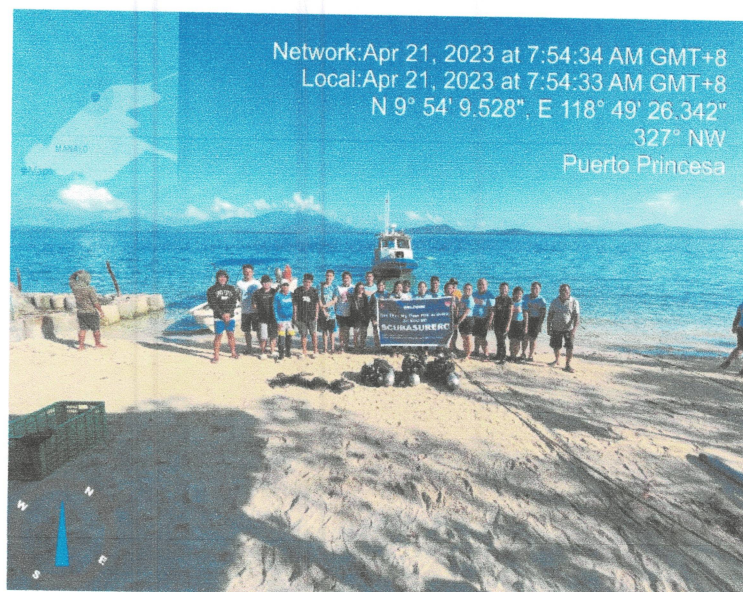


Photo during the SCUBASURERO activity on April 21, 2023

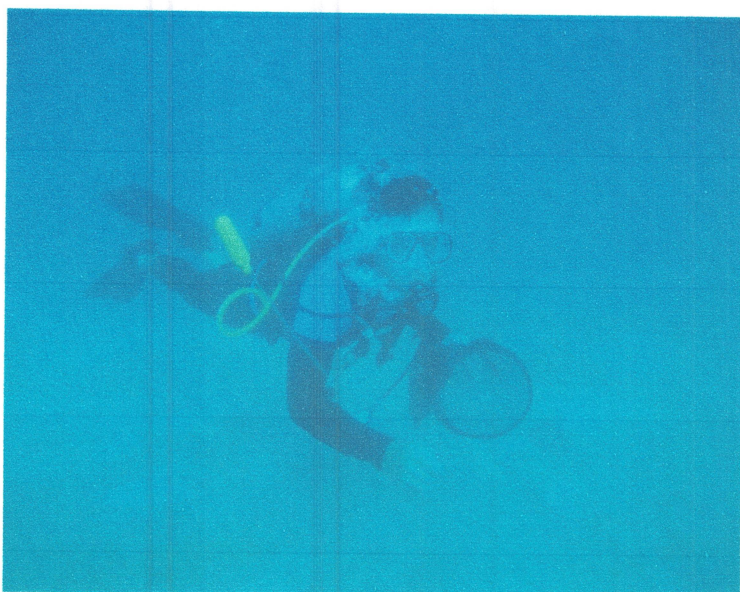


Photo during the SCUBASURERO activity on April 21, 2023



- **Month of the Ocean CMEMP activity**



Photo during Coastal cleanup at Snake Island NCMCR



Photo during Coastal cleanup at Snake Island NCMCR




- **Water Quality Monitoring**

EMB monthly water quality check at Snake Island NCMCR and its surrounding areas/islands.

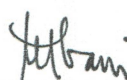


Monthly water quality check in Snake Island NCMCR

Prepared by:

  
**BRIAN A. ANAS**  
Data Manager, SI-NCMCR

Noted by:

  
**RHODORA B. UBANI**  
Chief CDS/SIMO in concurrent capacity