



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office

MIMAROPA Region
Bgy. Sta. Monica, Puerto Princesa City, Palawan
E-mail: penropalawan@denr.gov.ph
Telfax No. (048) 433-5638 / (048) 433-5638

DENR MIMAROPA	
RECORDS SECTION	
RECEIVED	
BY:	
DATE:	
TIME:	

RED

November 20, 2023

MEMORANDUM

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

THRU : The OIC, ARD for Technical Services

FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **DUGONG AND MARINE TURTLE MONITORING**

Respectfully forwarded is the memorandum dated October 20, 2023 from CENRO, Pablo L. Cruz of Roxas, Palawan along with the memorandum of FT I, Chuckie Y. Aguilos, ECOMS I, Jane M. Juarez and ECOMS I, Jo Annie D. Corvera regarding the above subject.

Please be informed that the CENRO-CDS personnel conducted dugong and marine turtle monitoring on the following sites:

1. Green Island Bay, Roxas, Palawan
2. Barangay Tinitian, Roxas, Palawan
3. Barangay Jolo, Roxas, Palawan
4. Barangay Nicanor Zabala, Roxas, Palawan

As per report the team was able to take photo documentation of dugong on Sitio Tandol and Flat Island then a drone shot of marine turtle on Barangay Nicanor Zabala.

This serves as **Means of Verification (MoV)** for the said target activity.

For information and record.

“For the PENRO”


RONIE B. GANDEZA
DMO V/Chief, TSD
In-charge, office of the PENRO



DENR-PALAWAN
PENRO-RECORDS
RELEASED
By _____ Date: _____ CN: _____
72 NOV 2023 CN 23-3266



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

Barangay III (Poblacion), Roxas, Palawan

Contact No. (048) 717-0892

Email address: cenroroxaspalawan@denr.gov.ph

DENR PENR

PALAWAN RECORDS

RECEIVED

October 23, 2023

MEMORANDUM

BY: ✓
DATE: 11/04/2023 CN 23-10-076

FOR : The Provincial Environment and Natural Resources Officer

FROM : The Community Environment and Natural Resources Officer

SUBJECT : **DUGONG AND MARINE TURTLE MONITORING IN BARANGAY TINITIAN, JOLO, AND NICANOR ZABALA, ROXAS, PALAWAN**

Respectfully forwarded is the memorandum dated October 23, 2023 of the Conservation and Development Section of this office.

This serves as a Means of Verification (MOV) for the target activity on Population and Habitat Monitoring of Marine Turtles and Dugong for CY 2023.

For information and record.


PABLO L. CRUZ
✓

UENR-CENRO ROXAS
RELEASED
DATE: OCT 24 2023
BY: PR
REG. NO. 2023-10-1518



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

October 23, 2023

MEMORANDUM

FOR : The Community Environment and Natural Resources Officer

FROM : The Undersigned

SUBJECT : **DUGONG AND MARINE TURTLE MONITORING IN GREEN ISLAND BAY, ROXAS, PALAWAN**



Please be informed that the undersigned conducted monitoring of dugong and marine turtle in part of Green Island Bay covered by Barangay Tinitian, Barangay Jolo, and Barangay Nicanor Zabala, Roxas, Palawan on October 19-20, 2023. The activity was a continuation of the monitoring done on October 10-13, 2023.

On October 19, 2023, the team interviewed Mr. Carlito Manlavi, a fisherman in Barangay Tinitian. According to him, a dugong was accidentally caught in his fish coral at 7:00 A.M. of October 12, 2023 which he immediately released. The dugong weighs approximately a hundred kilograms. He added that he released a marine turtle which was accidentally caught in his fish coral last year. The team observed a species of seagrass, *Syringodium isoetifolium*, in the tidal flats.

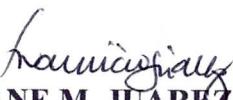
The team also interviewed Mr. Arnold Sanchez, a fisherman from Barangay Jolo. According to him, dugongs frequent the area between the South and North Verde Islands. Almost everyday between 7:00-8:00 A.M when he goes fishing, he can see as many as three (3) dugongs in that area. He sometimes observes a calf among the group. In addition, the team gave a brief Education and Information Campaign (IEC) on marine turtle and dugong to the barangay officials of said barangay during its barangay council session on October 19, 2023.

A marine turtle was captured in the drone shot taken during the monitoring in Barangay Nicanor Zabala at around 10 A.M. of October 20, 2023.

Attached are the photo documentation of the activity and site map.


CHUCKIE Y. AGUILOS
Forest Tech I

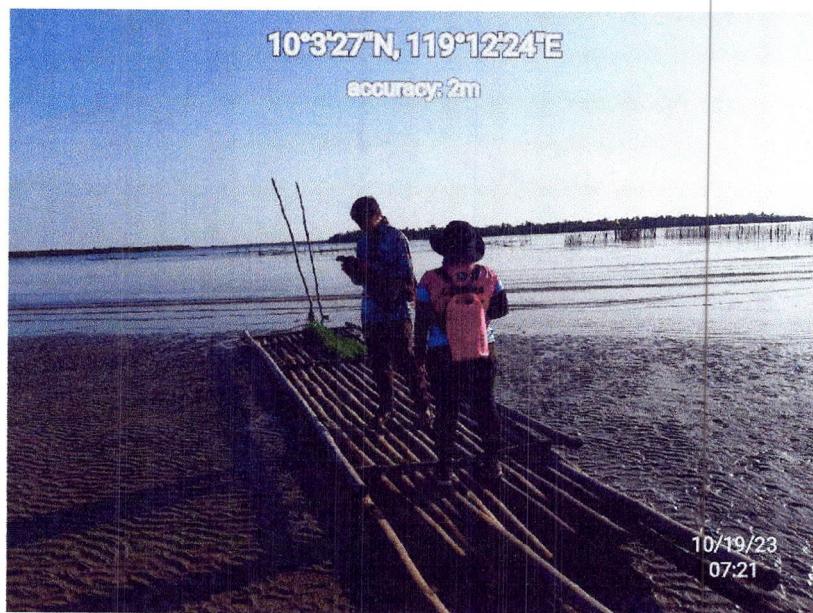

JO ANNIE D. CORVERA
ECOMS I


JANE M. JUAREZ
ECOMS I

Noted by:


RENSY L. MAGDAYAO
F II/ CDS In-charge

PHOTO DOCUMENTATION



Monitoring in Barangay Tinitian



Syringodium isoetifolium observed in Barangay Tinitian



Monitoring in Barangay Jolo



A brief IEC on dugong and marine turtle to the barangay officials of Jolo, Roxas, Palawan



Drone shots of a marine turtle taken in Barangay Nicanor Zabala on October 20, 2023



Republic of the Philippines
Department of Environment and Natural Resources
REGION IV - MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Brgy. TIT (Poblacion), Roxas, Palawan
Contact No: 09171506578 / 09175028647
Email address: cdor4cenvnro@denr.gov.ph



SCALE: 1:80,000

0 0.4750.95 1.9 2.85 3.8 4.75
Kilometers

Coordinate System: WGS 1984 UTM Zone 50N
Projection: Transverse Mercator
Datum: WGS 1984

Barangay Nicanor Zabala

Marine Turtle Sighting
Bgy. Nicanor Zabala
October 20, 2023

MAP SHOWING THE DUGONG AND MARINE TURTLE MONITORING SITE IN BARANGAY'S OF TINTIAN, JOLO AND NICANOR ZABALA, ROXAS, PALAWAN (OCTOBER 19-20, 2023)

Barangay Tintian
Barangay Jolo

Legend

- Marine Turtle Sighting (Red dot with a star)
- Marine Turtle and Dugong Monitoring Site (Green rectangle)
- World Imagery

Digitized by:

CHUCKIE Y. AGUILOS
Forest Technician I

Checked by:

RENSY MAGDAYAO
GIS Focal Person/CDS Chief

Source: Esri, Maxar, @GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, iGlobe

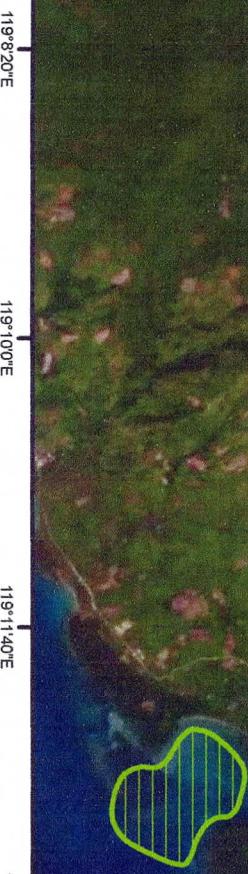
10°3'20"N

10°5'0"N

10°6'40"N

10°8'20"N

10°10'0"N



10°3'20"N

10°5'0"N

10°6'40"N

10°8'20"N

10°10'0"N

119°8'20"E

119°10'0"E

119°11'40"E

119°13'20"E

119°15'0"E

119°16'40"E

119°10'0"E

119°11'40"E

119°13'20"E

119°15'0"E

119°16'40"E

119°18'20"E



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Department of Environment and Natural Resources
Region IV - MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III, Roxas, Palawan
Contact no. 09171606578/09175028647
Email address: cenoroxaspalawan@denr.gov.ph

October 20, 2023

MEMORANDUM

DENR PENRO
PALAWAN RECORDS
RECEIVED

BY: _____
DATE: 11/07/2023 ON 23-10-75

FOR : The Regional Executive Director
DENR MIMAROPA
155 DENR By The Bay Building, Roxas Boulevard
Barangay 668, Ermita, Manila

: The Director
Biodiversity Management Bureau
Quezon City

THRU : The PENRO
Sta. Monica, Puerto Princesa City, Palawan

FROM : The CENRO

SUBJECT : **4th QUARTER DUGONG AND MARINE TURTLE MONITORING
IN GREEN ISLAND BAY, ROXAS, PALAWAN**

Respectfully forwarded is the report of CENRO Roxas CDS re: dugong and marine turtle monitoring within its AOR, conducted last October 10-13, 2023.

For information and record.


PABLO L. CRUZ

DENR-CENRO ROXAS
RELEASED
DATE: OCT 23 2023
BY: _____

2023-10-15 15



Republic of the Philippines
Department of Environment and Natural Resources
Region IV - MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III, Roxas, Palawan
Contact no. 09171606578/09175028647
Email address: cenoroxaspalawan@denr.gov.ph

October 16, 2023

MEMORANDUM

FOR : The Community Environment and Natural Resources Office
Roxas, Palawan

THRU : The OIC-CDS Chief

FROM : The Undersigned

SUBJECT : **4th QUARTER DUGONG AND MARINE TURTLE MONITORING
IN GREEN ISLAND BAY, ROXAS, PALAWAN**



Please be informed that the undersigned conducted seaborne patrol in Green Island Bay, Roxas, Palawan on October 10-13, 2023. The activity is in connection with the dugong and marine turtle monitoring target of the Conservation and Development Section (CDS) of CENRO Roxas, Palawan.

The monitoring team interviewed Barangay 1 residents Mr. Ernesto Clavel and Mrs. Vicky Clavel. According them, they saw a 20-kg dugong in Sitio Tandol, Barangay on October 8, 2023 and another 30-kg dugong on October 9, 2023 in the same area.

The monitoring team was able to take a photo of the dugong in Sitio Tandol on October 10, 2023 and other photo of the dugong in Flat Island (Pagbo Island) on October 12, 2023. In addition, a marine turtle was also captured in the drone shot of Flat Island. It is worth noting that the dugong and marine turtle site is near the mangrove area of Flat Island and is also the roost site of flying fox (kabog) which this Office regularly monitors.

Attached is the site map and photos.

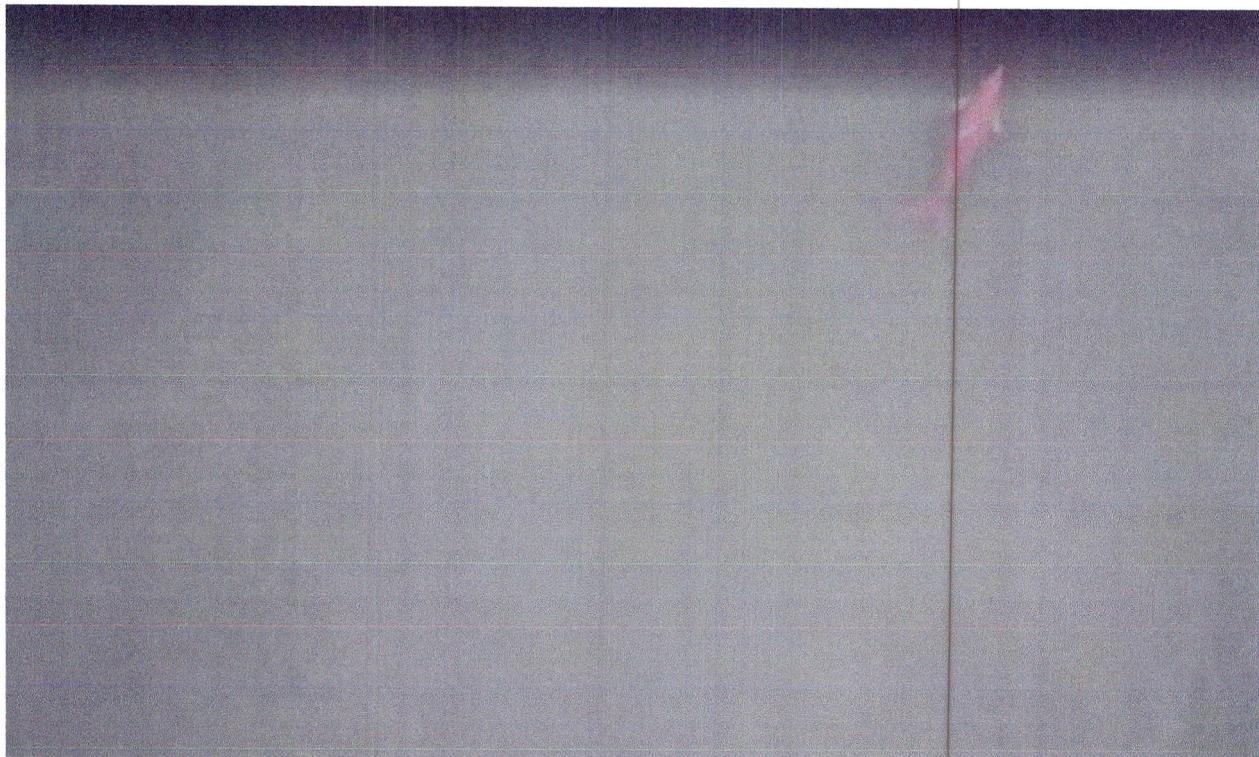
For information and record.


CHUCKIE Y. AGUILOS
FT I


JANE M. JUAREZ
ECOMS I


JO ANNIE D. CORVERA
ECOMS I

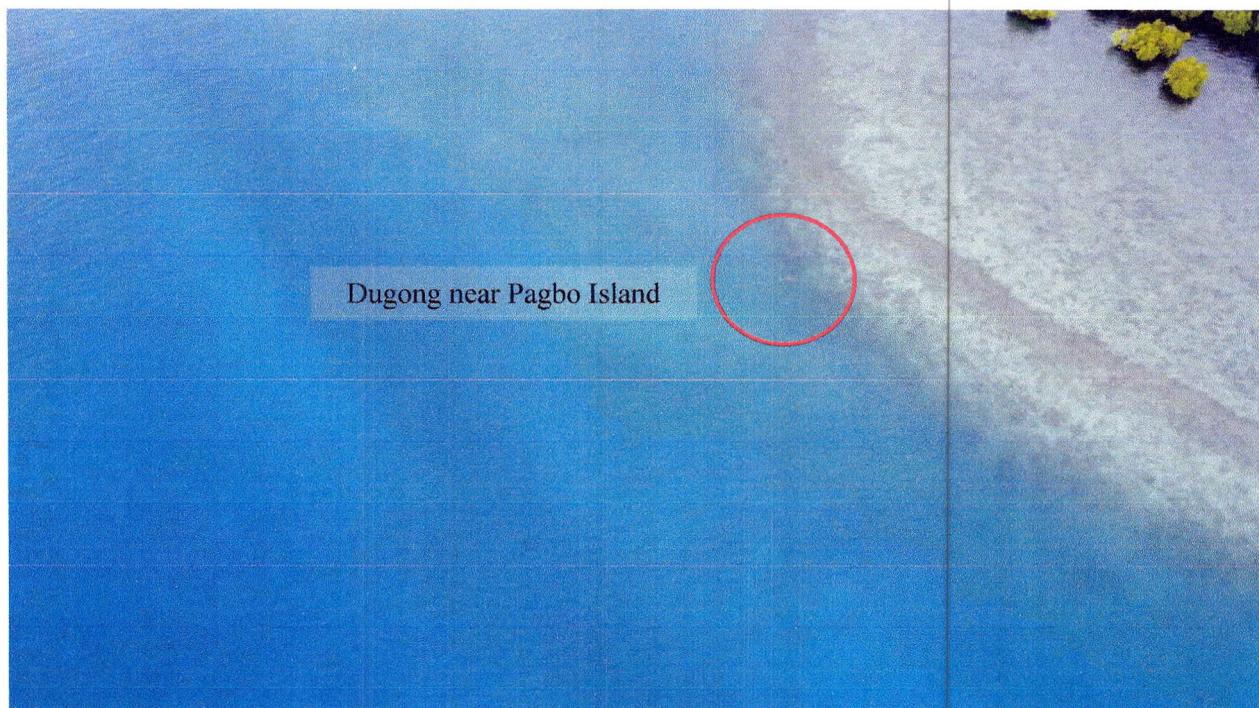
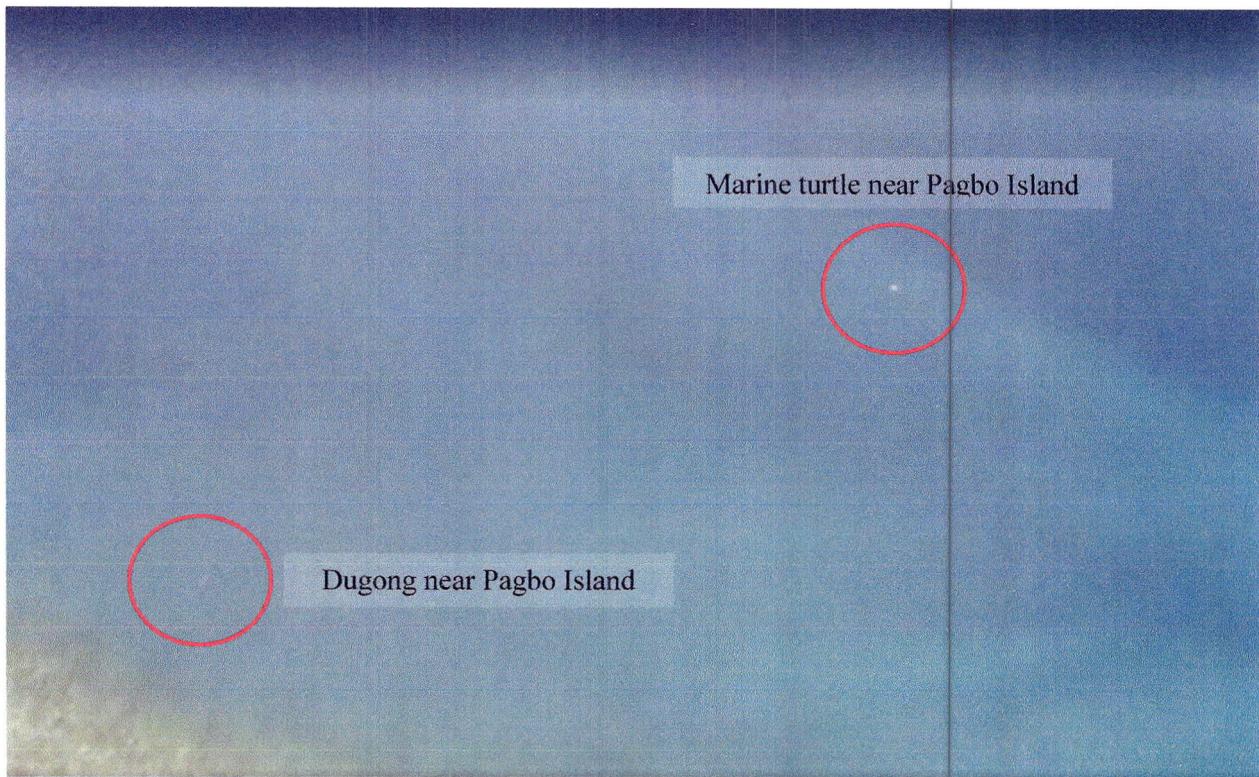
PHOTODOCUMENTATION:



Dugong sighting in Sitio Tandol, Barangay 1 (October 10, 2023)



Dugong sighting in Pagbo, Island, Barangay 1 (October 13, 2023)



Dugong and marine turtle sightings in Pagbo, Island, Barangay 1 (October 13, 2023)



Department of Environment and Natural Resources
Republic of the Philippines
REGION IV: MIMAROPA
ENVIRONMENT AND NATURAL RESOURCES OFFICE

**ENVIRONMENT AND NATURAL RESOURCES
Brgy. III (Poblacion), Roxas, Palawan
Contact No. 09171605578 / 09175028547
Email address: cenr@oxaspalawan.dcr.gov.ph**

SCALE: 1:50,000

Kilometers

Coordinate System: GCS WGS 1984
Datum: WGS 1984
Units: Degree

Legend

- Dugong Sighting 
- Marine Turtle Sighting 
- Dugong and Marine Turtle Monitoring Site 
- World Imagery

Digitized by:

CHUNG KIE Y. AGUILLOS
Forest Technician I

Checked by:

RENSI MAGDAYAO
GIS Focal Person/CDS Chief

10°16'40"N

10°18'N

10:30AM

119°18'20"E

119°20'0" E

119°21'40"'

119°23'20"E

MAP SHOWING THE DUGONG AND MARINE TURTLE MONITORING SITE IN GREEN ISLAND BAY, ROXAS, PALAWAN (October 10-13, 2023)

Dugong sighting in
Bgy. I.
October 10, 2023

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1

119°20'0"E

119°21'40"E

119°23'20"E