



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

March 29, 2022

**MEMORANDUM**

**FOR :** The Regional Executive Director  
DENR-MIMAROPA Region  
1515 L&S Bldg., Roxas Blvd.  
Ermita, Manila

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

**SUBJECT :** **ACTIVITY REPORT ON CONDUCTED AUTONOMOUS REEF  
MONITORING STRUCTURE (ARMS) MONITORING AT  
SNAKE ISLAND NCMCR ON MARCH 24, 2022**

Forwarded is the memorandum dated March 24, 2022 of Marine Biologist II Genesis Z. Ustares of Snake Island NCMCR.

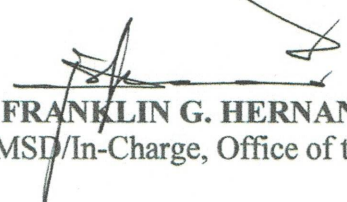
As per report, the monitoring was conducted on March 24, 2022 to check the condition of the ARMS unit in 18 meters depth in the deployment area (09°54'21.6" N, 118°49'24.7" E. The team was composed of Snake Island certified divers.

Further, the visibility is clear at 8 meters' depth with a sea temperature of 29°C, new coral recruits were observed near the ARMS unit and sightings of groupers, damsel, wrasses and bream fishes were also recorded in the area.



For information and record.



"For and in the absence of the PENRO"

  
**FRANKLIN G. HERNANDEZ**  
Chief MSD/In-Charge, Office of the PENRO

**DENR PENRO  
PALAWAN RECORDS  
RELEASED**

BY:   
DATE: **MAR 29 2022**  **22-712**



Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE**  
Sta. Monica, Puerto Princesa City

**DOCUMENT ACTION INFORMATION FORM**

Doc. Ref. No.: **2022-2513**

Date and Time received:

03/25/2022 03:05:59 PM

From: GENESIS Z. USTARES & RHODORA B. UBANI

Document Type: Memorandums

PENRO CDS

Subject: ACTIVITY ON REPORT CONDUCTED AUTONOMOUS REEF MONITORING STRUCTURE (ARMS) MONITORING AT SNAKE ISLAND NCMCR ISLAND ON MARCH 24 2022

Attachment(s): PHOTO DOC

Earmarked As :

|   |                |   |
|---|----------------|---|
| Date: 03-26   | From: O-7 ENRO | To: PSD - CDS   |
| <b>Action Recommended/Required:</b><br><input type="checkbox"/> For Action<br><input type="checkbox"/> For Approval<br><input type="checkbox"/> For Disbursement/<br>Payment<br><input type="checkbox"/> For Official Release<br><input type="checkbox"/> For Signature<br><input type="checkbox"/> For Review/<br>Recommendation<br><input type="checkbox"/> For Information, Record<br>and File<br><input type="checkbox"/> For Indorsement to<br>concerned Party(ies)<br><input type="checkbox"/> Return to Payee/Sender |                | <b>Processing Time:</b><br><input type="checkbox"/> Urgent<br>(w/in the day)<br><input checked="" type="checkbox"/> Priority<br>(w/in 3 days)<br><input type="checkbox"/> Complex<br>w/in 7 days<br>w/in 20 days or<br>shorter<br>W/in ____ days or shorter |
| <b>Other Instruction(s):</b><br>Noted - PLS forward<br>same,<br>3/27/22 10:31 AM  |                |   |
| Date:   | From:          | To:   |
| <b>Action Recommended/Required:</b><br><input type="checkbox"/> For Action<br><input type="checkbox"/> For Approval<br><input type="checkbox"/> For Disbursement/<br>Payment<br><input type="checkbox"/> For Official Release<br><input type="checkbox"/> For Signature<br><input type="checkbox"/> For Review/<br>Recommendation<br><input type="checkbox"/> For Information, Record<br>and File<br><input type="checkbox"/> For Indorsement to<br>concerned Party(ies)<br><input type="checkbox"/> Return to Payee/Sender |                | <b>Processing Time:</b><br><input type="checkbox"/> Urgent<br>(w/in the day)<br><input type="checkbox"/> Priority<br>(w/in 3 days)<br><input type="checkbox"/> Complex<br>w/in 7 days<br>w/in 20 days or<br>shorter<br>W/in ____ days or shorter            |
| <b>Other Instruction(s):</b>  |                |   |
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| <b>Action Recommended/Required:</b><br><input type="checkbox"/> For Action<br><input type="checkbox"/> For Approval<br><input type="checkbox"/> For Disbursement/<br>Payment<br><input type="checkbox"/> For Official Release<br><input type="checkbox"/> For Signature<br><input type="checkbox"/> For Review/<br>Recommendation<br><input type="checkbox"/> For Information, Record<br>and File<br><input type="checkbox"/> For Indorsement to<br>concerned Party(ies)<br><input type="checkbox"/> Return to Payee/Sender |                | <b>Processing Time:</b><br><input type="checkbox"/> Urgent<br>(w/in the day)<br><input type="checkbox"/> Priority<br>(w/in 3 days)<br><input type="checkbox"/> Complex<br>w/in 7 days<br>w/in 20 days or<br>shorter<br>W/in ____ days or shorter            |
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| <b>Other Instruction(s):</b>  |                |   |

Printed on 03/25/2022 3:06:20PM Received at: OFFICE OF THE PENRO Received by: ALMINE, ALYSSA





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Telfax No. (048) 433-5638

24 March 2022

**MEMORANDUM**

FOR : The OIC-Provincial Environment and  
Natural Resources Officer

THRU : The Chief,  
Conservation and Development Section/SIMO

FROM : Genesis Z. Ustares  
Marine Biologist II, Snake Island NCMCR

SUBJECT : **ACTIVITY REPORT ON CONDUCTED AUTONOMOUS REEF  
MONITORING STRUCTURE (ARMS) MONITORING AT  
SNAKE ISLAND NCMCR ON MARCH 24, 2022**

DENR PENR  
PALAWAN RECOR  
RECEIVE.

BY:   
DATE: 03-15-2022 CN 22-2513

Respectfully submitted is the activity report of the undersigned on ARMS monitoring activity in Snake Island – National Coastal and Marine Center for Research.

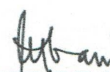
A monthly schedule for ARMS monitoring was set on March 24, 2022 to regularly check the condition of the ARMS unit after its redeployment activity on August 15, 2019. Research Assistant Jamael B. Masacal and Law Enforcement Officer Dioniso A. Mahilum Jr. carried out this month's monitoring activity.

The ARMS unit was spotted in the deployment area (09°54'21.6" N, 118°49'24.7" E) at 18 meters' depth with a visibility of 8 meters and a sea temperature of 29°C and conducted appropriate actions. New coral recruits were observed near the ARMS unit and there's also sightings of groupers, damsel, wrasses and bream fishes. Attached is the photo documentation of the activity.

For your information and further instructions.

  
**GENESIS Z. USTARES**

Noted by:

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

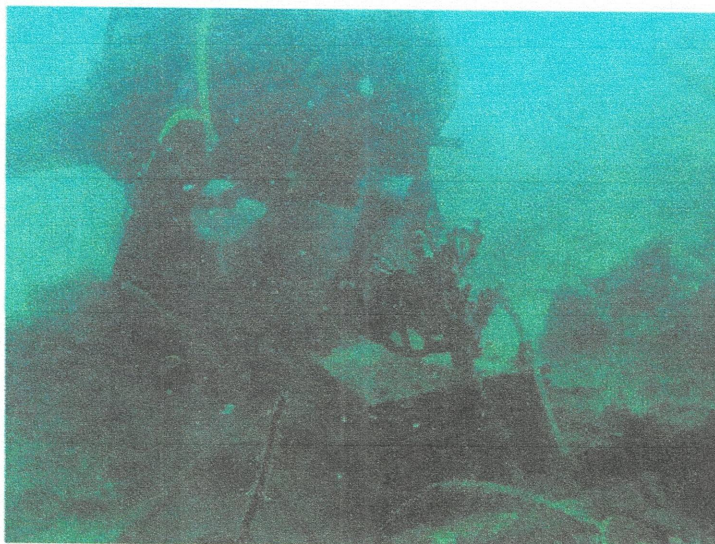




### PHOTO DOCUMENTATION



*Monitoring team preparing to dive*



*Mr. Jamael Masacal securing the ARMS unit*



*Secured ARMS unit at 18 meters' depth*