



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 1, 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 FEBRUARY 22, 2022**

Forwarded is the memorandum dated February 28, 2022 of Marine Biologist II Genesis Z. Ustares of Snake Island NCMCR.

As per report, the monitoring was conducted on February 22, 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 3 meters' depth with a sea temperature of 28°C, sightings of damsel fishes, wrasses, *Chaetodon mesoleucus*, *Nemipteridae*, *Caesionidae*, *Apogonida* and *Mullidae* were also recorded in the area. The coral reefs within the area (3-5 meters deep) were severely damaged by the recent Typhoon while in the deep area (>5 meters deep) only received slight damages and majorly still in good condition.

For information and record.




FELIZARDO B. CAYATOC

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Telfax No. (048) 433-5638

February 28, 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 FEBRUARY 22, 2022**

DENR PENRO
PALAWAN RECORDS
RECEIVED

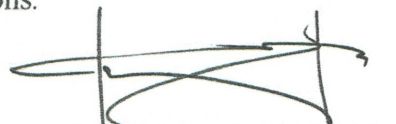
BY: 
DATE: 03-01-2022 CN 22-1544

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 February 22, 2021 to regularly check the condition of the ARMS unit after its redeployment activity on August 15, 2019 as well its condition after the Typhoon Odette last December 17, 2022. Research Assistant Jamael B. Masacal, Law Enforcement Officer Dioniso A. Mahilum Jr., Keven A. Lito and Vincent Arcaño who assisted as boat operator, carried out this month's monitoring activity.

Fortunately, after the Typhoon Odette, the ARMS unit was still spotted in the deployment area (09°54'21.6" N, 118°49'24.7" E) at 18 meters' depth with a visibility of 3 meters and a sea temperature of 28°C and conducted appropriate actions. There's also sightings of damsel fishes, wrasses, *Chaetodon mesoleocus*, *Nemipteridae*, *Caesionidae*, *Apogonidae* and *Mullidae*. Further, the coral reefs within the shallow area (3-5 meters deep) were severely damaged by the recent Typhoon while in the deep area (>5 meters deep) only received slight damages and majorly still in good condition.

For your information and further instructions.


GENESIS Z. USTARES

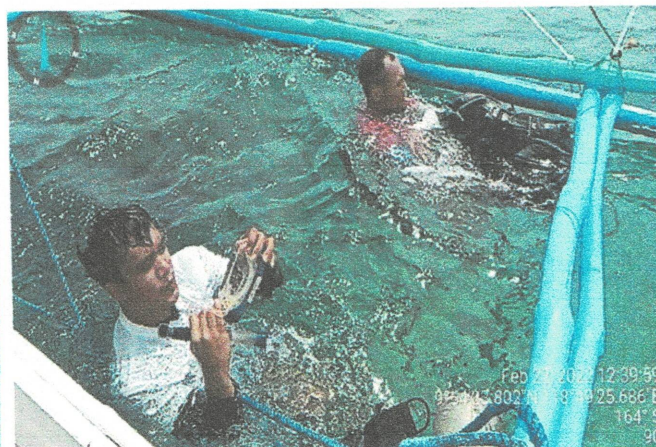
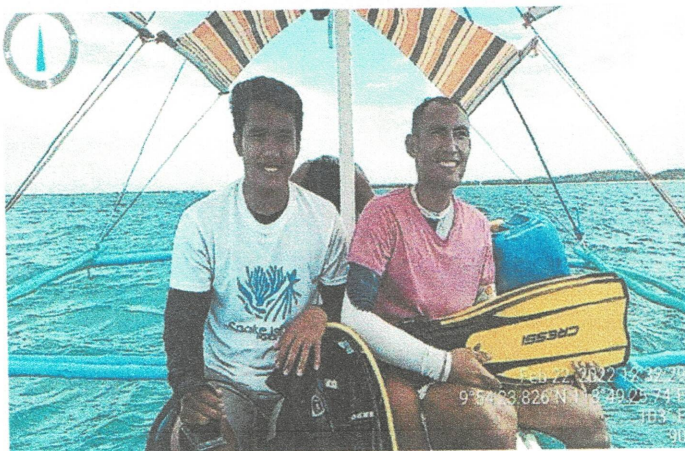
Noted by:


RHODORA B. UBANI
Chief, CDS/SIMO

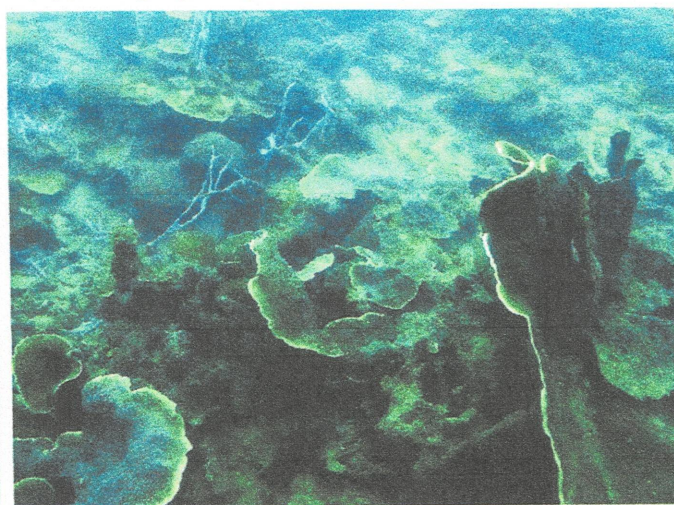


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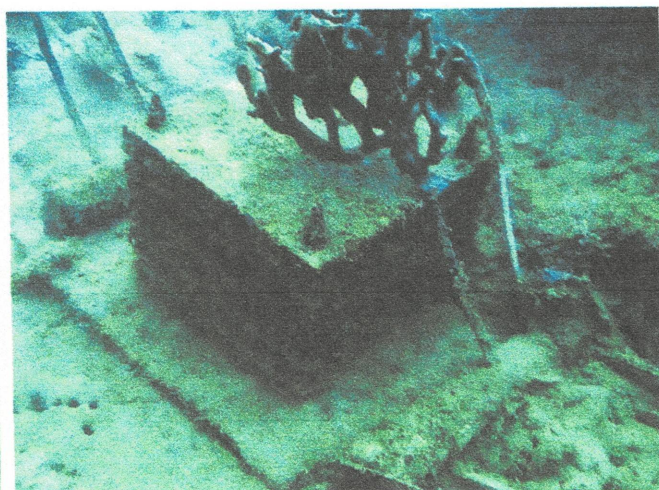
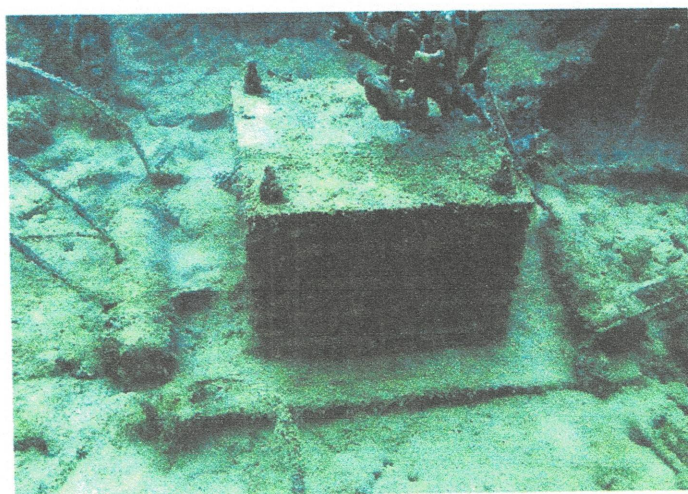
PHOTO DOCUMENTATION



Monitoring team bound to deployment area (left) and preparing to descend (right)



Mr. Jamael Masacal securing the ARMS unit (left) and some damaged corals nearby the ARMS unit (right)



Secured ARMS unit at 18 meters' depth