

0-104



Republic of the Philippines  
Department of Environment and Natural Resources  
**PENRO Marinduque**

June 19, 2023

**FOR : The Regional Executive Director  
DENR – MIMAROPA Region**

**THRU : The OIC-Assistant Regional Director  
For Technical Services**

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

**SUBJECT : SUBMISSION OF THIRD (3<sup>rd</sup>) QUARTER PATROL PLAN CY 2023  
FOR LAWIN FOREST AND BIODIVERSITY PROTECTION  
SYSTEM OF PENRO MARINDUQUE.**

Submitted herewith is the Third (3rd) Quarter Patrol Plan of DENR-PENRO Marinduque with pertinent enclosures for LAWIN Forest and Biodiversity Protection System for the months of July to September, Calendar Year 2023.

This plan covers a total forest conservation area of 15, 077 hectares to be patrolled and monitored by 29 patrollers comprising one (1) female and twenty-eight (28) males, namely:

• Forest Ranger	-	8
• Forest Technician I	-	2
• Forest Protection Officer	-	6
• Park Maintenance Foreman	-	1
• Park Ranger	-	4
• Field Laborer	-	6
• Forester 1	-	1
• Supervising EMS/PASu	-	1
		<u>29</u>

For information and record.

  
**IMELDA M. DIAZ**



Republic of the Philippines  
Department of Environment and Natural Resources  
**PENRO Marinduque**

June 19, 2023

**FOR : The Regional Executive Director  
DENR – MIMAROPA Region**

**THRU : The OIC-Assistant Regional Director  
For Technical Services**

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

**SUBJECT : SUBMISSION OF THIRD (3<sup>rd</sup>) QUARTER PATROL PLAN CY 2023  
FOR LAWIN FOREST AND BIODIVERSITY PROTECTION  
SYSTEM OF PENRO MARINDUQUE.**

Submitted herewith is the Third (3rd) Quarter Patrol Plan of DENR-PENRO Marinduque with pertinent enclosures for LAWIN Forest and Biodiversity Protection System for the months of July to September, Calendar Year 2023.

This plan covers a total forest conservation area of 15, 077 hectares to be patrolled and monitored by a 29 patrollers comprising one (1) female and twenty-eight (28) males, namely:

• Forest Ranger	-	8
• Forest Technician I	-	2
• Forest Protection Officer	-	6
• Park Maintenance Foreman	-	1
• Park Ranger	-	4
• Field Laborer	-	6
• Forester 1	-	1
• Supervising EMS/PASu	-	1
		<u>29</u>

For information and record.

  
**IMELDA M. DIAZ**



# Patrol Plan for the Natural Forest in PENRO-MARINDUQUE

## General Data

Size of natural forest area (ha):	15,077 hectares (12,409 ha of close forest and 2,668 hectares of mangrove forest)
Conservation targets	1. Deforestation rate reduced by 20% each year starting 2017 for the next 5 years.
	2. No expansion of the current or existing slash and burn farms.
	3. Maintain the 12,409 hectares of closed forest and prevent the destruction of the existing open forest, mangrove forest and other areas covered with established NGP plantation within the forest land. Thus, there will be no net forest loss.
	4. Incidence of timber poaching in terrestrial and mangrove forest, illegal logging, kaingin and small scale mining reduced by 20% each year starting 2017.
Target patrol distance (km) per quarter	90.00
Target barangays and municipalities to be covered within the period	Boac (Brgy. Tumagabok, Hinapulan, Binunga, Canat, Boi, Bayuti, Balagasan, Tugos, Duyay, Tambunan and Sibuyao)
	Gasán ( Brgy. Tiguión, Antipolo and Tabionan)
	Buenavista (Bicas-bicas, Bagacay andTungib-Lipata)
	Sta. Cruz (Brgys. Hupi, Balogo, Kasily, Kalangkang, Ipil, Botilao, Buyabod, Biga, Alobo, Tawiran, Masaguisi, Angas, Lapu-lapu, Kamandugan, Taytay, Polo and
	Torrijos (Mabuhay, Bonliw, Suha, kayduke, Malinao, Salumagui and Dampulan)
	Mogpog (Nangka II, Laon, Capayang, Ino, Balanacan, Argao, Sayao and Hinanggayon)
Approximate area of natural forest in the target area to be covered within period (ha)	
Period covered by this plan	July to September 2023
Resource Managers	OIC-PENRO IMELDA M. DIAZ, Chief TSD Engr. CYNTHIA U. LOZANO Chief MES, Forester III, NANNETTE M. JOVEN and Supervising EMS/PASu, EMETERIO M. RECTO



## Names of patrollers and expertise

Number	Name of forest rangers, other DENR staff and volunteers who will conduct regular patrolling	Position (FR, FT, Forester)	Employment status (JO, permanent)	Qualified to conduct patrolling
1	Don Gibson D. Mercado	Forester I	Permanent	Yes
2	Michael Vencint M. Sualog	Forest Technician I	Permanent	Yes
3	Michael Joseph A. Maranan	Forest Ranger	Permanent	Yes
4	Florante G. Fandialan, Jr.	Forest Ranger	Permanent	Yes
5	Randy N. Estrella	Forest Ranger	Permanent	Yes
6	Jerahmeel L. Bronce	Forest Ranger	Permanent	Yes
7	Rica Quennie D. Radovan	Forest Ranger	Permanent	Yes
8	Jonathan L. Telan	Forest Ranger	Permanent	Yes
9	Jake F. Valencia	Forest Protection Officer	JO	Yes
10	Eduardson N. Buatis	Forest Protection Officer	JO	Yes
11	Tristan Joshua O. Saet	Forest Protection Officer	JO	Yes
12	Roderick S. Villanueva	Park Maintenance Foreman	Permanent	Yes
13	Sherwin P. Villavicencio	Forest Ranger	Permanent	Yes
14	Rex Aljhon Lacdang	Park Ranger	JO	Yes
15	Leodegario J. Montiano	Biodiversity Protection Assistant/Field Laborer	JO	Yes
16	Celestino Lazo	Biodiversity Protection Assistant/Field Laborer	JO	Yes
17	Arnulfo M. Lazo, Jr.	Forest Protection Officer	JO	Yes
18	Michael R. Rocha	Forest Protection Officer	JO	Yes
19	Amando Rivamonte, Jr.	Park Ranger	JO	
20	Ireneo Villanueva	Biodiversity Protection Assistant/Field Laborer	JO	Yes
21	Regie Patulot	Park Ranger	JO	Yes
22	Jerry Sarile	Biodiversity Protection Assistant/Field Laborer	JO	Yes
23	Almer L. Peregrin	Forest Ranger	Permanent	Yes
24	Julius L. Manoos	Forest Technician I	Permanent	Yes
25	Elmer Lazarte	Biodiversity Protection Assistant/Field Laborer	JO	Yes
26	Pondador M. Manay	Park Ranger	JO	Yes
27	Restituto M. Labog	Biodiversity Protection Assistant/Field Laborer	JO	Yes
28	Gerald M. Liguit	Forest Protection Officer	JO	Yes
29	Emeterio M. Recto	Supervising ECOMS/PASu	Permanent	Yes



## Patrol sectors

Patrol sectors	Name of sitio, barangay, municipality covered by sector	Approximate area of natural forest in the sector (ha)	Target threats to be recorded and addressed in the patrol sector	Target indicator species
1	Sector 1: All Mangrove forest and patches of Timberlands (including Mount Malindig) within the Municipalities of Mogpog, Sta. Cruz, Gasan, Buenavista & Torrijos.	2,668 has. Mangrove forest and 2,650.29 has. Close forest	Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting.	Philippine Hawk-Eagle, Northern Hawk, Green Raquet-Tail (Prioniturus lucone), Pink-Bellied, Imperial-Region,
2	Sector 2: Protected Area (PA) Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)	5,622.61 has.	Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting.	Blue Naped Parrot, Celestial Monarch, Yellow - breasted fruit-dove, Luzon Hornbill Philippine Warty pig Philippine Deer
3	Sector 3: Protected Area (PA) Central Mountain Ranges (Torrijos & Boac)	4,136.10 has.	Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting.	Serpent Eagle Black Nape Oriole Philippine Macaque Fruit bats Philippine duck Monitored Lizard Civet cat Grass owl Butterfly

Things to consider when identifying sectors:

Conservation objectives and targets in the Forest Conservation Area Plan

Locations of forest loss, forest degradation and forest enhancement (see map 1)

Number of teams that can be formed



[illegible]

## Notes

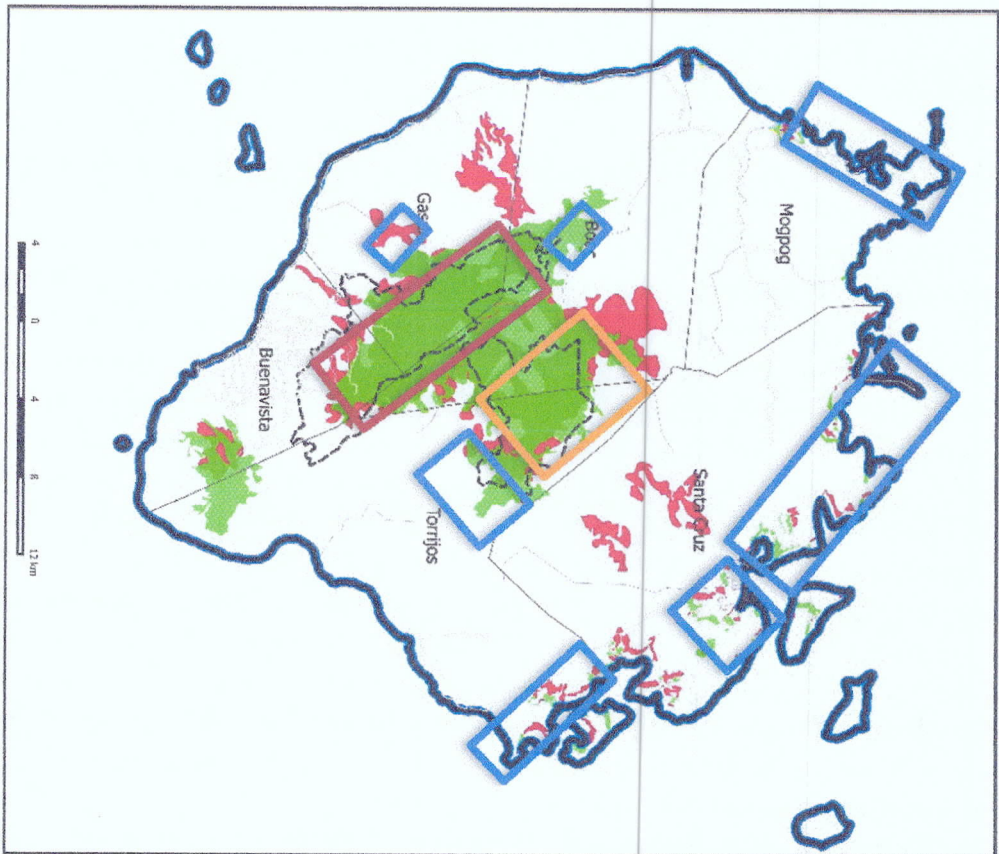
Add more rows between DENR and VoIs if needed

Include names of all forest rangers but indicate those present in the workshop in column D. Put an x after the name of the team leader and recorder once the teams have been formed.



**Patrol sectors**

Insert indicative squares/rectangles in the targeted patrol sectors



# **Forest Protection Area of PENRO Marinduque**



**Data Sources:**

PA Boundary: DENR Biodiversity Management Bureau (BMB)  
 Municipal boundary: Global Administrative Boundaries  
 HCVA: DENR-USAID B+WISER Ecological Assessment Results (2014)  
 Forest Cover Change: NAMRIA (2003-2010)

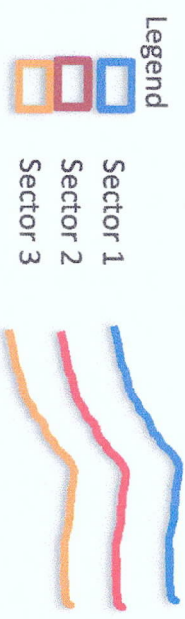
**Disclaimer:**

The boundaries and names used on this map do not imply official endorsement or acceptance by the U.S. Government.



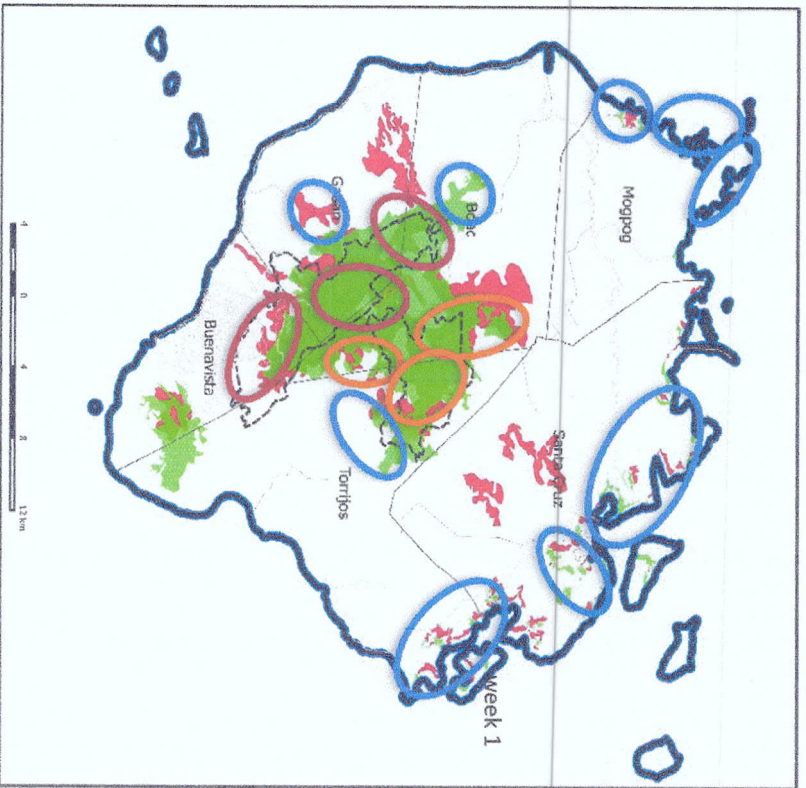
notes

indicate in the map the planned routes



## Patrol map

Insert circles in the targeted patrol area for the entire planning period (quarter) for each team



## Forest Protection Area of PENRO Marinduque



### Data Sources:

PA Boundary: DENR Biodiversity Management Bureau (BMB)  
 Municipal boundary: Global Administrative Boundaries  
 HCVAL: DENR-USAID B+WISER Ecological Assessment Results (2014)  
 Forest Cover Change: NAMRIA (2003-2010)

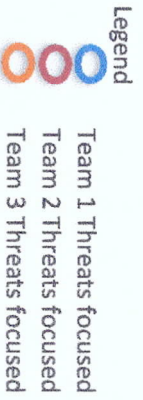
### Disclaimer:

The boundaries and names used on this map do not imply official endorsement or acceptance by the U.S. Government.



## Notes

Indicate in the map the planned routes





## Schedule of patrols, teams and routes assignment for the period

Month	Week	Team (indicate number)	Activity/Type of patrol (threats focused or indicator species-focused, or coordination/response)	Specific routes (name sector number and specific sitio or barangay and municipality)	Target distance (km)
July	Week 2	Team 1	Threats focused	Sector 1: Brgy. Catubugan and Mainit, Boac, Marinduque	5.00
July	Week 2	Team 2	Threats focused	Sector 2: Malibago, Torrijos to Bagtingon (Buenavista, Marinduque.	5.00
July	Week 2	Team 3	Threats focused	Sector 3: Canat, Hinapulan, Boac, Marinduque.	5.00
July	Week 3	Team 1	Threats focused	Sector 1: Brgy. Hinapulan, Boac, Marinduque	5.00
July	Week 3	Team 2	Threats focused	Sector 2: Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)	5.00
July	Week 3	Team 3	Threats focused	Sector 3: Brgy. Binunga, Canat, Boac	5.00
August	Week 2	Team 1	Threats focused	Sector 1: Brgy. Ipil, Kamandugan and Kasily, Sta. Cruz	5.00
August	Week 2	Team 2	Threats focused	Sector 2: (Tabionan, and Antipolo, Gasan	5.00
August	Week 2	Team 3	Threats focused	Sector 3: Boi, Canat, Boac, Marinduque	5.00
August	Week 3	Team 1	Threats focused	Sector 1: Brgy. Mabuhay, Suha and Kayduke, Torrijos, Marinduque	5.00
August	Week 3	Team 2	Threats focused	Sector 2: Brgy. Tiguion, Gasan	5.00
August	Week 3	Team 3	Threats focused	Sector 3: Central Mountain Ranges (Torrijos & Boac)	5.00
September	Week 2	Team 1	Threats focused	Sector 1: Brgy. Biga, Tawiran and Aloba, Sta. Cruz	5.00
September	Week 2	Team 2	Threats focused	Sector 2: Bagtingon, Buenavista and Tambunan, Boac, Marinduque	5.00
September	Week 2	Team 3	Threats focused	Sector 3: Brgy. Boi and Bayuti, Boac.	5.00
September	Week 3	Team 1	Threats focused	Sector 1: Brgy. Mabuhay, Suha and Kayduke, Torrijos	5.00
September	Week 3	Team 2	Threats focused	Sector 2: Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)	5.00
September	Week 3	Team 3	Threats focused	Sector 3: Brgy. Canat, Boi, Boac	5.00

**Total 90.00**

### Notes

Patrolling includes preparatory activities such as coordinating with LGUs and other authorities, data syncing, preparing for responses  
Consult map2 when doing this

Types of patrols: threats focused and indicator species-focused

If there are less than five teams, erase the extra number of teams in the matrix