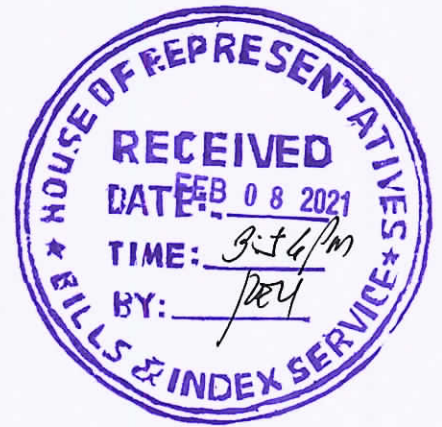




Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City



EIGHTEENTH CONGRESS

Second Regular Session

8646

House Bill No. _____

Introduced by
APEC Party-List Representative Sergio C. Dagooc
Philreca Party-List Representative Presley C. De Jesus,
Ako Padayon Pilipino Party-List Representative Adriano A. Ebcas,
RECOBODA Party-List Representative Godofredo N. Guya

EXPLANATORY NOTE

Mangrove forests are considered one of the most productive and fertile ecosystems in the world. Many of our people living in coastal communities lived, fished and hunted in the mangroves for ages, deriving from them important commodities such as food, fuel, timber, medicine and building materials. Mangrove forests also served as "shelterbelt" because they can cushion the impact of strong winds and provide protection against soil erosion. With its extensive air root system, mangrove forests are able to stabilize shorelines and protect inshore nutrients to adjacent areas. More important, mangrove forests serve as natural nurseries or breeding places for a large number of commercially important marine species.

The rapid decline of mangrove forests can be attributed to the "open access" of the present system which causes 'the over-population of resources found within the forests. This is exacerbated by the lack of technical understanding of management.

This measure proposes to establish reservation areas in all coastal areas in each municipality of the country solely for the preservation, protection, reforestation, afforestation and sustainable development of mangrove forests. In setting aside portions of land for mangroves, we can ensure that our people will continue to enjoy the benefits accorded by this important ecosystem. This bill will also penalize the destruction and cutting of mangrove trees, as well as the dumping of waste products within the reservation areas. Furthermore, the measure makes the offender pay for the

1 expenses that will be incurred for the restoration or rehabilitation of the mangrove
2 areas that will be damaged or destroyed.

3
4 Specifically, this bill seeks to declare the Western Dinagat Islands protected
5 landscape and seascape, Malinao Inlet Natural Park and Gaas Inlet Natural Park
6 located at the Province of Dinagat Islands as Mangrove Swamp Forest Reserves.

7
8 The primary basis of the proposed Mangrove Swamp Forest Reserves in the
9 Province of Dinagat Islands is very critical in ensuring the conservation of the natural
10 resources for the province to be used for agricultural, industrial and commercial
11 purposes by its inhabitants.

12
13 The urgency to pass this bill is necessary to safeguard it from indiscriminate
14 exploitation, industrial advancement, to maintain the ecological and recreational
15 balance and the preservation of the said Mangrove Swamp Forest in the Province.

16
17 It is deemed crucial that we act on these now to ensure that our children and
18 the succeeding generations will inherit a living earth with all of its bountiful natural
19 resources and vibrant wildlife.

20
21 In view of the foregoing, the passage of this measure is earnestly urged.


SERGIO F. DAGOOC
APEC Party-List Representative


PRESLEY C. DE JESUS
PHILRECA Party-List Representative


ADRIANO A. EBCAS
Ako Padayon Pilipino Party-List Representative


GODOFREDO N. GUYA
RECOBODA Party-List Representative



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**AN ACT ESTABLISHING THE WESTERN DINAGAT ISLANDS
PROTECTED LANDSCAPE AND SEASCAPE, GAAS INLET NATURAL
PARK, AND THE MALINAO INLET NATURAL PARK AS PROTECTED
AREAS UNDER THE EXPANDED NATIONAL INTEGRATED PROTECTED
AREAS SYSTEM ACT, PROVIDING FOR ITS MANAGEMENT AND FOR
OTHER PURPOSES**

*Be it enacted by the Senate and House of Representatives of the Philippines in
Congress assembled:*

1 **Section 1. Title** - This Act shall be known as the “Dinagat Islands Mangrove
2 Swamp Forest Reserves Act”.
3

4 **Section 2. Declaration of Policy** – It is the policy of the State to protect and
5 advance the right of the people to a balance and healthful ecology in accord with the
6 rhythm and harmony of the nature. For this purpose, the State shall secure for the
7 present and future generations of the Filipino people for the perpetual existence of all
8 native plants and animals within the subject Mangrove Swamp Forest in the Province
9 of Dinagat Islands, through its establishment as the component of the National
10 Integrated Protected Areas (NIPAS) as amended by R A11038, under the category of
11 natural park. The State shall likewise promote the participation of local communities
12 in and around the protected areas.
13

14 **Section 3. Definition of terms** – For purposes of this Act, the following terms shall be
15 defined as follows:
16

- 1 a. "Afforestation" shall refer to planting of mangrove trees along coastal areas not
2 previously planted with the mangrove trees.
3
4 b. "Coastal Area" or "Coastal Area Zone" is a band of dry land and adjacent ocean
5 space (water and submerged land) in which terrestrial process and uses directly
6 affect oceanic processes and uses and vice versa. Its geographic extent may include
7 areas within a landmark limit of one (1) kilometer from the shoreline at high tide
8 to include mangrove swamps, brackish waters, ponds, nipa swamps, estuaries,
9 rivers, sandy beaches and other areas within a seaward limit of two hundred (200)
10 meters isobath to include coral reefs, algae flats, seagrass beds and other soft
11 bottom areas.
12
13 c. "Mangroves" shall refer to types of forests that encompass a community of inter-
14 tidal lands including all species of trees, shrubs, vines and herbs found on coast
15 swamps or borders of swamps.
16
17 d. "Reservation" areas shall refer to coastal areas which have been set aside
18 exclusively for reforestation, afforestation, conservation and preservation
19 purposes.
20
21 e. "Reforestation" shall refer to the planting of mangrove trees along the denuded
22 coastal areas.
23

24 **Section 4. Dinagat Islands as Mangrove Swamp Forest Reserve.** – Presidential
25 Decree 2152 entitled "Declaring the Entire Province of Palawan and Certain Parcels of the
26 Public Domain and/or Parts of the Country as Mangrove Swamp Forest Reserves" included
27 Dinagat Islands in the declaration as Mangrove Swamp Forest Reserve, more particularly
28 described as follows:

29 *"The entire province of Palawan; from Palsabangan River up to*
30 *Mazintuto River at long. 121° 42'44" to 121° 44'16" and Lat. 13° 58'10" to*
31 *13° 59'19" Bacong River up to Sandoval Point at Long. 122° 11'43" and*
32 *Lat. 13° 37'48" Long. 122° 17'05" and Lat. 13° 34'26", Long. 122° 17'40"*
33 *and Lat. 13° 36'28", from Pala Point up to Mulanay River, Bondoc*
34 *Peninsula at Long. 122° 19'36" and Lat. 13° 34'00", Long. 122° 19'41" and*
35 *Lat. 13° 33'36" Long. 122° 21'57" and Lat. 13° 33'30" Long. 122° 23'50"*
36 *and Lat. 13° 31'10", from Bondoc River in Aurora up to Pinamutangan*
37 *Point, Bondoc Peninsula at Long. 122° 30'00" and Lat 13° 14'25", Long.*
38 *122° 31'50" and Lat. 13° 20'58", from San Andres to Arena Point, Bondoc*
39 *Peninsula at Long. 123° 46'6" to Lat 13° 15'6" and Long. 122° 41'00" to*
40 *Lat. 13° 13'5" all located at Tayabas Bay in the province of Quezon; the*
41 *Islands of Polillo, Alabat, Cabaleta, Jomalig, Patnanonga, Kalotkot,*
42 *Kalongkooan, Palasan, Calabao, Icol and San Rafael all located at*
43 *Lamon Bay in the province of Quezon; the Mangrove areas from Del*
44 *Pilar River to Palita Island, Bo. Salvacion and Dahican at Long. 122°*
45 *23'25" and Lat. 14° 16'08" located in the province of Camarines Norte;*
46 *from Tanglar Point up to Bicol River at Long. 123° 14'24" to Lat. 13°*
47 *44'42" and Long. 123° 07'12" to Lat. 13° 44'00", mangroves along the*
48 *banks of Looc River at Long. 123° 18'57" and Lat. 113° 54'25", Long. 123°*
49 *21'10" and Lat. 13° 59'00", mangrove areas of Port Tambang including*
50 *banks of Tambang River and Olas River, the area at Long. 123° 24'40"*
51 *and Lat. 13° 54'00", Long. 127° 27'56" and Lat. 13° 57'28", the mangroves*
52 *in Bo. Gibgos and Tabaon, the area at Long. 123° 45'00" and Lat. 13°*
53 *50'00", Long. 123° 45'11" and Lat. 13° 50'00", Long. 123° 46'00" Lat. 13°*

50°00", Long. 123° 47'00" and Lat. 13° 51'50", Long. 123° 47'10" and Lat. 13° 52'10", Long. 123° 47'20" and Lat. 13° 51'48", Long. 123° 48'00" and Lat. 13° 53'40" Long. 123° 48'20" and Lat. 13° 53'39", the mangroves along the banks of Salog River at Long. 123° 42'50" and Lat. 13° 52'00", Long. 123° 41'30" and Lat. 13° 54'09", all mangrove areas along the banks of Delchi River Buang Creek, and Parasan River in Sinuran and Sapnitan Bay Long. 123° 15'00" and Lat. 14° 00'00", Long. 123° 17'30" and Lat. 14° 03'30", mangroves along the banks of Sagnay River at Long. 123° 31'20" and Lat. 13° 35'48", Long. 123° 31'25" and Lat. 13° 36'20", Quinabucsan Point to San Vicente Bay at Long. 123° 19'39" and Lat. 14° 00'00", Long. 123° 22'00" and Lat. 14° 05'00", from Northern Bank of Caima River up to Bo. Binahian at Long. 122° 52'10" and Lat. 13° 40'26", Long. 122° 52'35" and Lat. 13° 40'57", Long. 122° 51'19" and Lat. 13° 40'57" and 122° 51'17" and Lat. 13° 42'10", from Cagraray Pass to Gimbal Point in Cagraray Island at Long. 123° 52'41" and Lat. 13° 20'40" and 13° 17'50" and the Islands of Lahay Lucsuhin, Haponan, Quinabungan, Malabungot, Lanit and Batan all in the province of Camarines Sur; from Pigbucan to Paron Point in the municipality of Manito at Long. 123° 50'57" to 123° 54'08" and Lat. 13° 06'11", located in the province of Albay; from Putiao River to Malbog River at Long. 123° 40'33" and Lat. 12° 55', Long 123° 41'30" and Lat. 12° 58'40", Long. 123° 45' and Lat. 13° 00', from Getumbro Point up to the Municipality of Sorsogon at Long. 123° 55'30" to 124° 00' and Lat. 12° 57'12" to 12° 59'12", from Malazimbo Point to Municipality of Juban in Sorsogon Bay at Long. 123° 55'28" and Lat. 12° 50'35", Long. 124° 00' and Lat. 12° 53'24", mangroves along the banks of Dancel River at Long. 123° 35'07" and Lat. 12° 54'29", Long. 123° 35'50" and Lat. 12° 55'12", from Papucha Point in Sugot Bay up to Bo. Quidolog, Prieto Diaz boundaries divided into 2 quadrants: (a) Sta. Lucia to Buenavista at Long. 124° 03'39" to 124° 06'15" and Lat. 12° 59'33" to 13° 02'39" (b) Buenavista to Dingay Point at Long. 124° 04'10" to 124° 12'35" and Lat. 13° 02'39" to 13° 04'47", from Panuntignan Point in Gubat up to Tagdon River in Barcelona at Long. 124° 05'40" to 124° 09'07" and Lat. 12° 55'24" to 12° 57'10" and from Sinagatan Bay to Mantay Point in Ginablan at Long. 124° 44" to 124° 6'21" and Lat. 12° 31'58" to 12° 34'39" all located in the province of Sorsogon, the Islands of Sta. Cruz and Salomaque, the foreshoreline of Bo. Dapdap and Alabo up to the mouth of Tagum River at Long. 122° 04'12" and Lat. 13° 27'45", Long. 122° 04'27" and Lat. 13° 28'25", Long. 122° 07'01" and Lat. 13° 29'01", Malinao Creek up to Salomaque Point at Long. 122° 06'42" and Lat. 13° 23'12", Long. 122° 08'42" and Lat. 13° 22'18" and the foreshoreline of Bo. Cabuyagan to the eastern side of Dating Bayan River in Calancan Bay at Long. 121° 58'20" to 122° 03'00" and Lat. 13° 30'28" all located in the province of Marinduque; from Malaquing River up to Mabung River at Long. 123° 8'28" to 123° 11'52" and Lat. 12° 54'23" to 13° 00', from Cueva Point up to Kimartines Point at Long. 122° 55'35" to 122° 57'46" and Lat. 13° 4'25" to 13° 7'19", and from Kabugao Point up to Kabalong Andang Point at Long. 123° 8'53" to 123° 12'17" and Lat. 12° 53'44" to 13° 01'19" all located in Burias Island; Basin Island near Burias Island; Sibuyan Island; from Panciscan Point in Bitos Bay up to Bano Sanlay at Long. 123° 48' to 123° 46'43" and Lat. 12° 21'25" to 12° 23'30", from Panicijan River in Butuan Bay at Long. 123° 45'28" to 123° 46'43" and Lat. 12° 24'30" to 12° 25'19", mangroves along the banks of Sta. Rosa River in San Jacinto town at Long. 123° 41'91" to 123° 43'14" and Lat. 12° 34'6" to 12° 35', mangroves between Bo. Tamosa and Bagasico at Long. 123° 40' to 123° 41'51" and

Lat. $12^{\circ} 37'53''$ to $12^{\circ} 38'39''$, from Magdangay Point up to Taguictic Point at Long. $123^{\circ} 18'29''$ to $123^{\circ} 20'$ and Lat. $12^{\circ} 28'21''$ to $12^{\circ} 25'16''$, from Bo. Magdangay to Malobago, Port Barrera at Long. $123^{\circ} 20'$ to $123^{\circ} 21'51''$ and Lat. $12^{\circ} 28'21''$ to $12^{\circ} 33'30''$, from Guinobatan River up to Bariis at Long. $123^{\circ} 21'51''$ to $123^{\circ} 23'13''$ and Lat. $12^{\circ} 28'39''$ to $12^{\circ} 31'8''$, from Bayuar Cove to Tinago Cove at Long. $123^{\circ} 24'11''$ to $123^{\circ} 25'19''$ and Lat. $12^{\circ} 31'6''$ to $12^{\circ} 31'30''$, mangroves along the banks of Balono River at Long. $123^{\circ} 29'3''$ to $123^{\circ} 29'39''$ and Lat. $12^{\circ} 27'34''$ to $12^{\circ} 24'23''$, mangroves along the banks of Pasil River, Magdalena at Long. $123^{\circ} 31'44''$ to $123^{\circ} 32'32''$ and Lat. $12^{\circ} 26'29''$ to $12^{\circ} 27'30''$, mangroves in Toos Cove in Mandaon at Long. $123^{\circ} 12'58''$ to $123^{\circ} 15'19''$, and Lat. $12^{\circ} 13'53''$ to $12^{\circ} 15'32''$ Bagupantao Point to Amutag Point at Long. $123^{\circ} 15'34''$ to $123^{\circ} 17'58''$ and Lat. $12^{\circ} 22'24''$ to $12^{\circ} 27'52''$, mangroves along the banks of Daraga River, mangrove areas from Diutag River to Lomocab River at Long. $124^{\circ} 13'31''$ to $124^{\circ} 15'16''$ and Lat. $11^{\circ} 57'18''$ to $11^{\circ} 54'59''$ and the Island of Caroga all located in the province of Masbate; mangrove areas along the banks of Mamburao River at Long. $120^{\circ} 35'$ to $120^{\circ} 36'14''$ and Lat. $13^{\circ} 13'32''$ to $13^{\circ} 14'29''$, Buluagan River to Lagarum River, Naujan at Long. $121^{\circ} 17'42''$ to $121^{\circ} 20'17''$ and Lat. $13^{\circ} 17'8''$ to $13^{\circ} 20'$, mangrove areas in the banks of Batel Creek, Sta. Cruz at Long. $120^{\circ} 42'35''$ to $120^{\circ} 44'5''$ and Lat. $13^{\circ} 4'14''$ to $13^{\circ} 6'29''$, Sablayan Point up to the mouth of Bagong Sabang River at Long. $120^{\circ} 45'31''$ to $120^{\circ} 46'0''$ and Lat. $12^{\circ} 44'38''$ to $12^{\circ} 50'34''$ Bo. Labangan to Calalayuan Point, Ilin Island of Long. $121^{\circ} 2'42''$ to $121^{\circ} 4'32''$ and Lat. $12^{\circ} 18'14''$ to $12^{\circ} 17'19''$, mangroves at the western side of Sucol River in Bongabong at Long. $121^{\circ} 28'21''$ to $121^{\circ} 29'26''$ and Lat. $12^{\circ} 45'00''$ to $12^{\circ} 42'20''$, mangroves at the western side of Casiliga River and Island of Soguicay all located in the province of Mindoro; mangrove areas along the coastline of Dupon River at Long. $124^{\circ} 24'20''$ and Lat. $10^{\circ} 54'42''$, Long. $124^{\circ} 26'02''$ and Lat. $10^{\circ} 54'42''$, Long. $124^{\circ} 24'20''$ and Lat. $10^{\circ} 57'21''$, Long. $124^{\circ} 26'02''$ and Lat. $10^{\circ} 57'21''$, from Apali Point to Calunangan Point at Long. $124^{\circ} 28'24''$ to $124^{\circ} 30'54''$ and Lat. $10^{\circ} 52'12''$ to $10^{\circ} 52'24''$, Puerto Bello to Lao at Long. $124^{\circ} 31'20''$ and Lat. $10^{\circ} 58'36''$ to Long. $124^{\circ} 33'48''$ and Lat. $11^{\circ} 1'30''$, mangrove areas from Bo. Tuban and Bo. Manpagui in Santa Cruz at Long. $124^{\circ} 47'$ to $124^{\circ} 48'42''$ and Lat. $11^{\circ} 21'47''$ to Lat. $11^{\circ} 23'36''$ all in the province of Leyte: the islands of Ponson, Poro and Pacihan located at Camote Sea all in the province Cebu; the Islands of Pamasuan, Handayan, and Majanay, the islets of Banoon and Lapinig Chico and mangrove areas east of Soom River to Pampang at Long. $124^{\circ} 25'84''$ and Lat. $10^{\circ} 05'33''$ to Lat. $10^{\circ} 39'$ all located at Camotes Sea in the Province of Bohol; the Islands of Ambugan, Pangangan, Cabilao and Sandingan, the Islet of Batas, mangrove areas east of Inabanga River to Bo. Pampang at Long. $124^{\circ} 07'00''$ and Lat. $10^{\circ} 2'2''$ to $10^{\circ} 36'00''$ all located at Cebu Strait all in the province of Bohol; mangrove areas from Agio Point up to the municipality of Cambuyao, mangrove areas from Bo. Biabas to Bo. Ondol including Bo. Condray, and Juagdan except the Island of Tintiman which is a mangrove Wilderness Area, at Long. $124^{\circ} 32'58''$ to $124^{\circ} 36'$ and Lat. $9^{\circ} 56'48''$ to $9^{\circ} 59'18''$, and the area from Basiao Point up to Kasag Point, at Lapinig at Long. $124^{\circ} 33'$ and Lat. $10^{\circ} 03'24''$ to Long $124^{\circ} 36'18''$ and Lat. $10^{\circ} 05'24''$ Island all located at Mindanao Sea all in the Province of Bohol; the Island of Panglao and the mangrove areas from the west of Loboc River to the municipality of Laya which is at Long. $123^{\circ} 56'9''$ and Lat. $9^{\circ} 40'40''$ located at Mindanao Sea all in the province of Bohol; mangrove areas from Liangan River up to Lipatan

River of the municipality of Lapayan in the province of Lanao del Norte, the area from Bo. Bagumbang to Malautan River of Ozamis City at Long. 123° 39'41" to 123° 49'19" and Lat. 8° 01'53" to 8° 8'14" in the province of Misamis Occidental; mangrove areas from Baculin Point to Lakud Point at Long. 126° 34'12" and Lat. 7° 26'43" to 7° 34'30", mangrove areas from Tanguip Point in Banao to Kinablangan Island of Long. 126° 32'16" to 126° 34'49" and Lat. 7° 41'49" to 7° 43'50" and the Island of Samal all in the province of Davao del Norte; the Islands of Siargao, Bucas Grande, Middle Bucos and East Bucas all located at Dinagat Sound in the province of Surigao del Norte, the Island of Dinagat, Hikdop, Sibale, Hanigad all located at Surigao Strait all in the province of Surigao del Norte; the mangrove areas along the municipalities of Lavigan and Valencia up to the Taon River of the municipality of Barcelona at Long. 126° 25'24" to 126° 30' and Lat. 8° 10' to 8° 15" and the Islands of Masopelid, Mahaba, Condona, Bayagnan, Bilabid and Caye all in the province of Surigao del Sur; the mangrove areas in Tumalong Bay, Baong River and Pongao Bay, the mangrove areas from Malubog Point up to the municipality of Sambalawan including the Island of Pisan, at Long 123° 21'36" to 123° 28'8" and Lat. 7° 33'10" to 7° 38'10" and the Islands of Sagayapan. Tintauan and Sacol, all in the province of Zamboanga del Sur, the mangrove areas from the municipality of Tagasilay to the mouth of Tigbao River including east of the Island of Vitali at Long. 122° 16'00" and Lat. 7° 25'00", Long. 122° 22'00" and Lat. 7° 18'00" located at Sibugay Bay all in the province of Zamboanga del Sur.

containing an aggregate area of 74,267 hectares, more or less, subject to future ground survey and delimitation, for conservation and protection purposes by reason of their ecological, scientific, educational and recreational values, including flora and fauna and marine life found therein and other values, under the administration and control of the Bureau of Forest Development, Ministry of Natural Resources, in consonance with the existing laws and regulations and those that shall be promulgated hereinafter." (underscoring ours)

Section 5. Land Classification - All lands comprising the Mangrove Swamp Forest Reserves identified under this Act shall fall under the classification of Mangrove Swamp Forest Reserves as provided for under Presidential Proclamation 2152 and Republic Act 11038 or the Expanded National Integrated Protected Areas System Act (E-NIPAS).

Section 6. Scope and Coverage - The following forest lands and off-shore areas are hereby declared as Mangrove Swamp Forest reserves covering parcels of land situated in the Province of Dinagat Islands, more particularly described below.

The **Western Dinagat Islands Protected Landscape and Seascape** covers 76 coastal barangays in seven (7) municipalities of the province.

TECHNICAL DESCRIPTION	
MABINI, CAGDIANAO PARCEL	
TIE POINT (PRS 92)	
SRN	Longitude: 125° 40' 15.787"
33	Latitude: 9°55' 26.108"
TIE LINE	

S 47°33'37" E		4,521.23
LINE	BEARING	DISTANCE (m)
1-2	N 84°13'45" E	249.98
2-3	N 16°47'54" E	146.48
3-4	S 75°37'7" E	106.53
4-5	S 9°45'9" E	171.82
5-6	S 15°22'35" E	109.76
6-7	S 2°13'52" E	203.88
7-8	S 77°46'30" W	324.87
8-9	N 47°51'45" W	374.65
9-1	N 40°36'5" E	207.34

- 1 The **Gaas Inlet Natural Park** is situated in the heart of the Province of Dinagat
2 Islands, Caraga Region with a geographical coordinates of 10°11'13.2" North and 125°33'22.4"
3 to 125°39'09.5" East. It is within the political jurisdiction of three (3) Municipalities namely:
4 Basilisa, Cagdianao and Libjo. The inlet has a total length of 15.383 kilometers, mouth width
5 of 362.56 meters, approximately.

TECHNICAL DESCRIPTION		
CORE ZONE		
TIE POINT (PRS 92)		
SRN 22	Longitude: 125° 33' 28.999"	
	Latitude: 10°11' 09.831"	
TIE LINE		
S 9°17' 17" W		1633.555
LINE	BEARING	DISTANCE (m)
1-2	N 74°9'14" E	471.411
2-3	N 43°14'15" E	304.164
3-4	S 51°50'29" E	258.986
4-5	S 9°22'56" W	205.941
5-6	S 35°33'24" E	151.16
6-7	S 49°29'41" W	298.157
7-8	S 54°32'55" E	156.497
8-9	N 80°13'3" E	194.654
9-10	S 68°11'55" E	195.914

10-11	S 41°38'1" E	119.475
11-12	N 42°8'15" E	93.661
12-13	N 15°53'2" W	422.946
13-14	N 6°51'7" E	445.515
14-15	N 65°52'56" E	120.039
15-16	S 43°51'31" E	442.968
16-17	S 12°54'27" E	325.731
17-18	S 61°36'25" W	139.103
18-19	S 1°21'50" E	416.838
19-20	S 8°27'4" W	215.662
20-21	S 28°44'23" E	233.861
21-22	N 58°7'13" E	319.373
22-23	S 38°5'20" E	155.478
23-24	S 35°41'32" W	237.479
24-25	N 71°29'17" E	44.968
25-26	S 37°30'15" E	179.267
26-27	S 22°4'44" W	131.997
27-28	S 76°31'52" W	411.277
28-29	S 15°4'53" W	124.811
29-30	S 54°27'28" E	428.278
30-31	S 82°39'56" E	431.095
31-32	S 27°28'28" E	178.931
32-33	S 69°32'43" E	300.029
33-34	S 68°2'24" E	282.746
34-35	S 48°26'11" E	388.952
35-36	S 73°39'21" E	564.136
36-37	N 35°18'40" E	233.449
37-38	N 63°48'40" W	304.103
38-39	N 22°32'0" W	336.582
39-40	S 74°31'39" W	272.381
40-41	N 50°31'33" W	217.486

41-42	N 15°18'35" E	247.49
42-43	S 84°30'20" E	209.315
43-44	N 46°44'14" E	197.612
44-45	N 36°36'41" W	426.416
45-46	N 18°24'32" E	460.387
46-47	S 24°47'9" E	581.331
47-48	S 76°6'41" E	818.717
48-49	N 45°0'0" E	159.026
49-50	N 31°12'2" E	274.526
50-51	S 59°6'59" E	242.08
51-52	N 31°4'35" E	172.884
52-53	N 2°7'16" E	171.568
53-54	N 40°30'55" E	153.133
54-55	N 29°53'56" E	195.331
55-56	N 40°40'31" E	220.942
56-57	N 81°10'55" E	246.258
57-58	S 52°22'31" E	411.02
58-59	S 23°36'50" E	203.09
59-60	N 21°48'5" E	284.966
60-61	N 75°39'2" E	293.587
61-62	N 58°21'40" E	157.873
62-63	N 28°18'3" E	281.27
63-64	N 22°6'34" E	219.328
64-65	N 16°34'11" W	430.302
65-66	N 56°27'14" W	365.078
66-67	N 32°54'19" E	66.968
67-68	S 87°21'27" E	430.406
68-69	S 75°57'50" E	245.454
69-70	N 57°0'41" E	224.75
70-71	N 9°11'3" E	1069.589
71-72	N 82°21'12" E	461.303
72-73	N 79°31'23" E	724.605

73-74	S 68°29'55" E	234.608
74-75	S 45°35'26" E	453.715
75-76	S 60°56'43" E	68.101
76-77	N 33°53'46" E	510.011
77-78	N 61°59'27" E	352.13
78-79	N 24°8'44" E	210.215
79-80	N 49°5'8" E	131.296
80-81	N 81°38'3" E	227.315
81-82	S 61°33'25" E	180.543
82-83	S 43°28'16" E	212.402
83-84	S 56°22'24" W	448.836
84-85	S 40°32'39" W	160.985
85-86	S 25°14'29" W	256.456
86-87	S 68°49'9" W	145.187
87-88	N 23°36'34" W	122.476
88-89	S 55°26'27" W	141.177
89-90	S 11°47'0" W	341.419
90-91	S 25°58'5" W	112.794
91-92	S 72°33'10" W	242.675
92-93	N 64°21'32" W	366.857
93-94	N 45°33'9" W	459.2
94-95	S 45°33'49" W	393.155
95-96	N 84°10'25" W	325.798
96-97	N 69°5'4" W	262.836
97-98	S 23°16'17" W	459.851
98-99	S 21°1'1" W	649.006
99-100	S 76°55'19" W	269.075
100-101	S 23°4'10" W	127.393
101-102	S 11°49'17" E	278.967
102-103	S 32°21'15" W	250.534

103-104	S 23°12'43" W	464.019
104-105	S 29°44'42" E	85.326
105-106	S 0°26'3" W	174.63
106-107	S 83°6'5" W	168.863
107-108	S 9°29'17" W	648.953
108-109	S 56°8'23" W	493.865
109-110	S 23°21'44" E	282.494
110-111	S 20°47'8" W	950.449
111-112	S 37°43'30" W	221.614
112-113	N 71°45'15" W	316.897
113-114	S 46°56'29" W	276.115
114-115	S 9°35'55" E	144.792
115-116	S 53°2'22" W	167.217
116-117	S 77°13'32" W	619.408
117-118	S 13°55'1" E	184.813
118-119	S 78°16'30" W	257.792
119-120	S 56°32'5" W	112.276
120-121	S 40°53'46" E	156.962
121-122	S 29°52'13" E	582.367
122-123	S 61°55'39" W	224.896
123-124	N 55°14'5" W	342.205
124-125	N 45°1'46" W	400.428
125-126	S 55°6'34" W	263.472
126-127	S 44°50'0" W	556.246
127-128	S 76°45'34" W	221.796
128-129	N 25°43'54" W	244.072
129-130	N 69°20'30" W	360.557

130-131	N 46°12'12" W	150.372
131-132	S 61°11'21" W	181.177
132-133	N 6°6'56" W	74.507
133-134	N 49°16'4" W	125.698
134-135	N 32°44'7" E	132.107
135-136	N 85°19'59" E	130.077
136-137	S 82°10'28" E	134.292
137-138	S 74°38'18" E	312.115
138-139	N 62°33'37" E	193.781
139-140	S 33°21'59" E	162.361
140-141	N 43°23'23" E	289.743
141-142	N 19°14'55" W	265.509
142-143	N 52°40'26" E	236.417
143-144	N 77°34'0" E	275.273
144-145	N 63°12'46" E	244.226
145-146	N 50°30'6" W	523.951
146-147	N 71°33'48" W	160.644
147-148	S 76°49'5" W	255.306
148-149	N 49°23'10" W	149.15
149-150	N 35°24'25" E	404.151
150-151	N 76°44'29" W	434.927
151-152	N 50°41'25" W	845.318
152-153	S 35°52'54" W	146.134
153-154	N 83°4'14" W	155.665
154-155	N 33°15'35" W	699.063
155-156	N 58°25'46" W	394.186
156-157	N 32°17'34" E	312.995

157-158	N 45°11'58" W	206.851
158-159	N 1°9'37" E	427.739
159-160	N 66°39'57" W	293.914
160-161	S 23°11'55" W	161.201
161-162	S 64°48'57" W	148.103
162-163	S 5°18'4" E	299.734
163-164	S 52°59'57" W	84.85
164-165	N 58°11'33" W	643.707
165-166	N 6°51'53" W	203.663
166-167	N 42°6'13" W	192.844
167-168	N 25°12'55" E	267.927
168-169	N 34°37'27" W	216.066
169-170	N 28°45'27" W	192.883
170-1	N 37°20'58" E	101.18

- 1 The **Malinao Inlet Natural Park** is under the administrative jurisdiction of the
2 three (3) Barangays of Diaz, Navarro and Malinao of the Municipality of Tubajon. It covers a
3 total are of 968.80 hectares where 432.1 hectares of it is mangrove.

TECHNICAL DESCRIPTION		
CORE ZONE		
TIE POINT (PRS 92)		
SRN 17	Longitude: 125° 35' 04.133"	
	Latitude: 10°18' 23.774"	
TIE LINE		
S 48° 43' 12" E		2,980.02
LINE	BEARING	DISTANCE (m)
1-2	N 86°29'10" E	281.71
2-3	S 32°44'46" E	394.88
3-4	S 27°24'27" W	80.47
4-5	S 5°21'21" E	170.08
5-6	S 83°55'22" E	147.44
6-7	S 41°31'54" E	61.85
7-8	S 6°27'32" E	141.13
8-9	S 66°53'27" E	333.69

9-10	N 78°52'29" E	82.00
10-11	S 71°8'11" E	201.31
11-12	N 82°52'30" E	89.59
12-13	S 50°21'21" E	72.16
13-14	S 2°46'13" E	98.54
14-15	S 86°38'1" E	162.21
15-16	S 41°57'23" E	389.02
16-17	S 55°16'16" E	226.64
17-18	S 5°5'10" E	405.88
18-19	S 63°35'20" E	352.14
19-20	S 2°59'47" E	206.00
20-21	S 53°7'48" W	116.42
21-22	S 5°48'24" W	125.53
22-23	S 34°26'20" E	179.66
23-24	S 51°20'25" E	243.96
24-25	S 14°39'29" E	374.75
25-26	S 32°16'27" W	176.02
26-27	S 34°4'38" E	65.17
27-28	S 67°31'36" E	477.60
28-29	N 84°56'34" E	180.09
29-30	S 64°29'40" E	196.58
30-31	N 63°42'19" E	150.51
31-32	S 75°19'25" E	137.85
32-33	S 15°24'12" E	161.37
33-34	S 70°33'36" E	143.10
34-35	S 84°20'52" E	445.05
35-36	S 77°26'5" E	224.99
36-37	S 52°51'12" E	109.54
37-38	S 87°51'33" E	141.65
38-39	S 38°59'29" E	327.83
39-40	S 25°1'46" W	948.50
40-41	N 36°52'12" W	119.06
41-42	N 87°23'51" W	174.81
42-43	N 64°3'28" W	326.60
43-44	N 28°29'44" W	316.11
44-45	N 32°28'16" W	103.49
45-46	N 17°6'10" W	107.96
46-47	N 78°13'54" W	194.59
47-48	N 40°50'29" W	356.03
48-49	N 57°59'41" W	399.37
49-50	S 84°33'35" W	167.44
50-51	S 42°30'38" W	43.07

51-52	S 36°52'12" E	211.67
52-53	S 42°36'51" E	89.88
53-54	S 4°51'52" W	249.61
54-55	S 37°31'9" W	161.90
55-56	S 75°22'45" W	251.56
56-57	S 1°7'24" E	161.96
57-58	S 27°3'2" W	223.41
58-59	S 77°46'30" W	129.95
59-60	S 75°37'13" W	111.46
60-61	S 87°47'52" W	271.11
61-62	N 59°29'58" W	80.20
62-63	N 34°50'43" W	86.01
63-64	N 28°7'59" W	42.80
64-65	N 18°13'25" W	121.38
65-66	N 22°21'10" E	57.50
66-67	N 5°11'40" E	46.76
67-68	N 65°24'29" W	327.64
68-69	S 63°26'6" W	517.67
69-70	S 41°4'54" W	342.24
70-71	S 33°20'27" W	300.87
71-72	S 64°26'24" W	168.64
72-73	N 66°6'17" W	285.77
73-74	N 8°36'56" W	220.77
74-75	N 72°45'31" E	100.42
75-76	S 30°6'49" E	191.17
76-77	S 74°3'17" E	96.31
77-78	N 8°58'21" W	127.23
78-79	N 41°54'21" E	173.31
79-80	N 49°23'55" W	304.92
80-81	N 4°52'26" W	428.19
81-82	N 87°57'17" E	185.33
82-83	N 79°26'20" E	198.49
83-84	S 57°59'41" E	249.61
84-85	N 79°49'28" E	131.05
85-86	N 14°19'22" E	160.43
86-87	N 55°24'28" E	349.53
87-88	S 70°15'47" E	460.30
88-89	S 37°18'14" E	261.95
89-90	N 62°23'13" E	242.61
90-91	N 83°39'35" E	209.64
91-92	N 28°47'52" E	164.20
92-93	N 7°51'12" W	116.18

93-94	N 63°26'6" W	168.61
94-95	N 36°24'59" W	300.84
95-96	N 18°2'3" W	179.47
96-97	S 80°41'17" E	135.33
97-98	N 42°6'53" E	133.59
98-99	N 16°11'13" W	188.24
99-100	N 59°32'4" W	78.28
100-101	S 85°30'22" W	98.65
101-102	N 78°41'24" W	134.91
102-103	N 40°18'32" W	339.54
103-104	S 83°27'44" W	198.89
104-105	S 23°5'6" W	70.18
105-106	N 85°43'41" W	87.34
106-107	N 34°24'32" W	126.81
107-108	S 77°0'19" W	42.36
108-109	S 4°28'30" W	122.08
109-110	S 87°26'44" W	144.92
110-111	N 4°32'41" W	82.92
111-112	S 62°59'14" W	60.59
112-113	S 12°11'54" E	86.19
113-114	S 69°0'49" W	75.05
114-115	N 87°9'28" W	149.41
115-116	N 38°15'50" W	95.70
116-117	N 74°34'8" W	283.40
117-118	N 7°41'2" W	100.92
118-119	N 85°54'52" E	100.27
119-120	N 23°16'26" E	253.34
120-121	N 59°32'16" E	171.12
121-122	N 51°20'25" E	386.27
122-123	S 75°51'34" E	258.48
123-124	N 20°58'25" E	68.01
124-125	N 64°58'8" W	300.65
125-126	S 85°57'10" W	337.39
126-127	S 74°37'8" W	405.20
127-128	S 45°0'0" W	129.09
128-129	N 73°8'30" W	273.70
129-130	S 78°41'24" W	141.66
130-131	N 49°59'37" W	290.15
131-132	N 79°39'51" W	294.39
132-133	S 48°40'53" W	206.23
133-134	N 82°0'38" W	456.87
134-135	N 44°12'55" W	204.88

135-136	S 52°2'45" W	251.66
136-137	N 77°11'45" W	179.08
137-138	N 8°20'38" W	300.84
138-139	N 25°27'48" E	92.31
139-140	N 56°18'36" W	228.95
140-141	N 19°32'12" E	130.55
141-142	S 66°20'50" E	87.90
142-143	N 11°32'20" E	133.21
143-144	N 55°8'53" W	519.83
144-145	N 20°0'8" W	147.86
145-146	N 28°4'23" E	136.51
146-147	S 77°23'38" E	203.63
147-148	S 1°5'28" E	101.19
148-149	S 63°4'43" E	238.20
149-150	S 87°7'1" E	368.24
150-151	S 71°1'47" E	89.53
151-152	S 10°10'53" E	263.44
152-153	S 49°48'49" W	214.04
153-154	S 19°58'59" E	55.74
154-155	S 77°22'27" E	203.36
155-156	N 76°7'49" E	132.45
156-157	N 4°47'34" E	206.73
157-158	N 79°50'32" E	387.07
158-159	N 22°48'16" W	151.55
159-160	S 87°10'16" W	167.10
160-161	N 48°16'34" W	333.94
161-162	N 1°23'50" E	195.32
162-163	N 31°3'55" W	153.82
163-164	N 46°47'24" E	143.76
164-165	S 55°17'14" E	180.98
165-166	N 83°39'33" E	156.99
166-167	S 30°36'23" E	130.96
167-168	S 50°21'59" E	162.54
168-169	S 79°22'49" E	129.21
169-170	S 9°27'44" W	96.56
170-171	S 35°45'14" E	163.02
171-172	N 90°0'0" E	89.96
172-173	S 56°18'36" E	66.78
173-174	N 56°18'36" E	57.24
174-175	N 32°34'27" W	113.03
175-176	N 13°20'55" E	160.44
176-177	S 72°45'31" E	80.34

177-178	N 14°2'10" E	43.64
178-179	N 37°15'59" W	152.93
179-180	N 3°31'56" E	214.72
180-181	N 55°32'21" E	163.66
181-182	S 78°13'54" E	64.86
182-183	N 11°55'17" E	116.52
183-184	N 79°35'58" W	115.93
184-1	N 8°29'20" E	179.24

The technical descriptions provided in this Act will be subject to an actual survey and verification to be conducted by the DENR within ninety (90) days after the effectivity of this Act. Any modification of the coverage of this Act due to such factors as changing ecological situations, new scientific or archaeological findings, or discovery of traditional boundaries not previously taken into account shall be made through an act of Congress, after consultation with the affected public and concerned government agencies.

Section 7. Reservation Areas - There shall be established and set aside in all coastal areas in each municipality within the Philippines portions of land solely for the preservation, protection, reforestation, afforestation and sustainable management of mangrove forests. All existing mangrove forests shall automatically form part of the reservation areas.

Section 8. The Local Council for the Preservation of Mangrove Forests - There shall be established a local council for the Preservation of Mangrove Forests, hereinafter referred to as the local council, for each of the municipality where a reservation area has been identified. The local council shall be composed of the DENR Regional Executive Director under whose jurisdiction the reservation area is located who shall be the chairman and the following members: a representative of the municipal government concerned; a representative from each of the barangay under whose territory the reservation area is located; a representative from an accredited nongovernmental organization and a representative from the private sector and in the Province of Palawan, the chairman of the Palawan Council for Sustainable Development, as chairman.

Section 9. The Protected Area Management Office (PAMO) - In accordance with the Republic Act No. 11038 (E-NIPAS Act), there is hereby established a Protected Area Management Office (PAMO) to be headed by a Protected Area Superintendent (PASU) with a permanent *plantilla* position who shall supervise the day management, protection and administration of the protected area. A sufficient number of support staff with permanent *plantilla* position shall be appointed by the DENR to assist the PASU in the management of the protected area.

The PASU shall be primarily accountable to the PAMB and the DENR for the management and operations of the protected area. Pursuant thereto, the PASU shall have the following duties and responsibilities:

- a. Prepare the management plan, in consultation with the stakeholders, including the annual work and financial plans and ensure its implementation;
- b. Ensure the integration of the protected area management plans, programs, projects, and policies with relevant national and LGUs' plans and programs;
- c. Provide secretariat services to the PAMB and its committees and ensure the availability of relevant and timely information for decision-making;

- d. Formulate and recommend to the PAMB proposed policies, rules, regulations, and programs;
- e. Establish, operate, and maintain a database management system which shall be an important basis for decision-making;
- f. Enforce the laws, rules and regulations relevant to the protected area. Commence and institute administrative and legal actions in collaboration with other government agencies or organizations, and assist in the prosecution of offenses committed in violation of this Act;
- g. Monitor, evaluate, and report the implementation of management activities of protected area;
- h. Request for and receive any technical assistance support or advice from any agency or instrumentality of the government as well as academic institutions, NGOs, and the private sector, as may be necessary for the effective management, protection and administration of the protected area;
- i. Issue permits and clearances for activities that implement the management plan and other permitted activities in accordance with terms, conditions, and criteria established by the PAMS: Provided, That all permits for extraction activities, including collection for research purposes, shall also continue to be issued by relevant authorities, subject to prior clearance from the PAMB, through the PASU, in accordance with the specific acts to be covered;
- j. Collect and/or receive pertinent fees, charges, donations, and other income for the protected area: Provided, That such fees, charges, donations, and other income collected /received shall be reported regularly to the PAMB and the DENR in accordance with existing guidelines;
- k. Prepare and recommend to the management plan; and
- l. Perform such other functions as the PAMB and the DENR may assign.

The PAMO may be augmented by the deputized local environment and natural resources officers upon the recommendation of the PAMB and approval of the DENR."

Section 10. Appropriations – The Secretary of DENR shall immediately include in the Department's program the implementation of this Act, the funding of which shall be included in the annual General Appropriations Act.

Section 11. Separability Clause – If for any reason any part or section of this Act is declared unconstitutional or invalid, such other parts not affected thereby shall remain in full force and effect.

Section 12. Repealing Clause – All laws, decrees, proclamations, rules, and regulations inconsistent with the provisions of this Act are hereby repealed or modified accordingly.

Section 13. Effectivity Clause – This Act shall take effect fifteen (15) days after its complete publication in the Official Gazette or in at least two (2) national newspaper of general circulation.

Approved,