

THIRTEENTH CONGRESS OF THE)
REPUBLIC OF THE PHILIPPINES)
First Regular Session)

5 JUN 20 P1 54

SENATE

RECEIVED BY: 

S.B. NO. 2058

Introduced by Senator Edgardo J. Angara

EXPLANATORY NOTE

"Only when the last tree has died and the last river has been poisoned and the last fish has been caught will we realize that we cannot eat money."

So goes the Cree Indian saying. Conservation of the earth's biological diversity is steadily being recognized as the most fundamental of all environmental issues, and its preservation as the most important challenge of the 21st century.

Our own Philippine ecosystem is the "hottest" among the bio-diversity "hotspots" because it has the most number of species per square kilometer of territory, but unfortunately, the rate of habitat destruction in our country is also one of the highest in the world.

As a strategic preventive and conservation measure, this bill seeks to provide for the establishment of the Subic Watershed Forest Reserve and the Bataan Natural Park as protected areas. The necessary action must be done so as not to allow such areas to turn into irreparable bio-diversity hotspots.

This imperative piece of legislation would supplement Republic Act No. 7586 or the National Integrated Protected Areas System Act and would also be a noteworthy compliance with our country's international commitments. Furthermore, its passage will be a major leap towards the sustainable development and management of our national ecological treasures, as the bill seeks to respond and balance the objectives of biodiversity and the needs of the upland and lowland residents in and around the protected and buffer areas.

With this backdrop, I urge my colleagues in this Chamber to rally for the passage of this bill.


EDGARDO J. ANGARA
Senator

THIRTEENTH CONGRESS OF THE)
REPUBLIC OF THE PHILIPPINES)
First Regular Session)

5 JUN 20 P1 5

SENATE

RECEIVED BY: _____

S.B. NO. 2058

Introduced by Senator Edgardo J. Angara

AN ACT ESTABLISHING THE BATAAN NATURAL PARK AND THE SUBIC WATERSHED FOREST RESERVE SITUATED IN THE MUNICIPALITIES OF HERMOSA, ORANI, SAMAL, ABUCAY, BAGAC AND MORONG IN THE PROVINCE OF BATAAN AND A PORTION OF THE SUBIC BAY SPECIAL ECONOMIC ZONE WITHIN THE ISLAND OF LUZON AS A PROTECTED AREA UNDER THE CATEGORY OF A NATURAL PARK, PROVIDING FOR ITS MANAGEMENT, AND FOR OTHER PURPOSES.

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

ARTICLE I.

TITLE, POLICIES AND OBJECTIVES

1
2
3
4
5
6 **Section 1. Short Title.** – This Act shall be known as the “*Subic-Bataan*
7 *Natural Park Act of 2005.*”
8
9

10 **Section 2. Declaration of Policy.** – Considering the diversity of Subic and
11 Bataan’s biological resources and its socio-cultural, economic and ecological
12 importance to the Island of Luzon, the State declares the policy to ensure its
13 protection and conservation including its communities of people and their culture
14 and way of life insofar as they are in harmony in nature.
15

16 The protection and conservation of SBNP shall be pursued through
17 sustainable and participatory development, advancing and protecting the interests of
18 its legitimate inhabitants, and following customary laws in accordance with
19 Republic Act. No. 7586 or the National Integrated Protected Areas System (NIPAS)
20 Republic Act No. 8371 or the Indigenous Peoples Rights Act (IPRA) of 1997, and
21 such international conventions to which the Philippines is a signatory.
22
23

24 **Section 3. Definitions.** – For purposes of this Act:

- 25
26 a) “**Biodiversity**” shall refer to the variety and variability among all living
27 organisms and the ecological complexes in which they occur;
28
29 b) “**Bioprospecting**” shall refer to the research, collection and utilization of
30 biological and genetic resources, for the purpose of applying the knowledge

- 1 a) **"Biodiversity"** shall refer to the variety and variability among all living
2 organisms and the ecological complexes in which they occur;
3
- 4 b) **"Bioprospecting"** shall refer to the research, collection and utilization of
5 biological and genetic resources, for the purpose of applying the knowledge
6 derived therefrom to make or modify products or processes and their
7 derivatives for scientific, agricultural, industrial, and other applications;
8
- 9 c) **"Buffer zone"** shall refer to identified areas outside the boundaries of and
10 immediately adjacent to the SBNP pursuant to Section 5 hereof that need
11 special development control in order to avoid or minimize harm to the
12 protected area;
13
- 14 d) **"By-product"** shall refer to any part taken from wild species such as, but not
15 limited to, hides, antlers, feathers, fur, teeth, claws, internal organs, eggs,
16 guano, roots, trunk, branches, leaves, stems, flowers and any other item
17 produced out of or utilizing wildlife or any of its parts;
18
- 19 e) **"Convention on International Trade of Endangered Species (SITES)"** shall
20 refer to the international convention of flora and fauna including all its
21 appendices referring to the lists of species regulated therein;
22
- 23 f) **"Collection"** shall refer to the act of gathering, harvesting, or catching
24 wildlife, or the taking of any parts, derivatives or by-products;
25
- 26 g) **"Commercial"** shall refer to market sale in volume or value in excess of that
27 required to maintain a basic subsistence for workers and their dependents;
28
- 29 h) **"Department of Environment and Natural Resources (DENR)"** refers to the
30 government agency created pursuant to Executive Order No. 192;
31
- 32 i) **"Derivatives"** shall refer to anything extracted from wild species such as, but
33 not limited to, blood, oils, saliva, musks, resin, gum, seeds, spores, pollen
34 and the like;
35
- 36 j) **"Endangered species"** shall refer to species or subspecies whose populations
37 are in danger of extinction and whose survival is unlikely if the causal factors
38 continue operating;
39
- 40 k) **"Endemic species"** shall refer to species or subspecies, which has limited
41 distribution, often within the geographical limits of the State;
42
- 43 l) **"Exotic species"** shall refer to species or subspecies, which do not naturally
44 occur within the biogeographic region of the SBNP at the present or
45 historical time;
46
- 47 m) **"Exploration"** shall refer to searching or prospecting for mineral resources, as
48 defined by law, by geological, geochemical or geophysical surveys, remote
49 sensing, test pitting, trenching, shaft sinking, tunneling or any other means
50 for the purpose of determining the existence, extent, quantity and quality
51 thereof and feasibility of mining them for profit;
52

- 1 n) **"Exploitation"** shall refer to any mode of use, extraction, development,
2 utilization or disposition of resources, for whatever purpose, whether
3 commercial or otherwise;
4
- 5 o) **"Habitat"** shall refer to an area inhabited by wildlife in the natural state;
6
- 7 p) **"ICC / IPs"** shall refer to Indigenous Cultural Communities/Indigenous
8 Peoples as defined in the IPRA, specifically the Agtas, Paranan and Kalinga
9 within the SBNP;
10
- 11 q) **"Indigenous species"** shall refer to native Philippine species and/or
12 subspecies with an existing or historical natural occurrence and distribution
13 within the SBNP and its buffer zones;
14
- 15 r) **"IPRA"** shall refer to Republic Act No 8371 or the Indigenous Peoples Rights
16 Act and its pertinent rules and regulations;
17
- 18 s) **"Kaingin"** shall refer to the slash and burn of vegetation to clear the land for
19 agricultural purposes;
20
- 21 t) **"Large-scale infrastructure projects"** shall refer to major port facilities, major
22 highways, tall edifice, major dams, and the like;
23
- 24 u) **"Multiple-use zones"** shall refer to areas where settlement, traditional and/or
25 sustainable land use, including agriculture, agroforestry, extraction activities
26 and other income generating or livelihood activities may be allowed to the
27 extent prescribed in the management plan;
28
- 29 v) **"Natural park"** shall refer to a relatively large area not materially altered by
30 human activity where extractive resource use and large-scale infrastructure
31 projects are not allowed in its strict protection zones and maintained to
32 protect outstanding natural and scenic areas of national or international
33 significance for educational, scientific and recreational use;
34
- 35 w) **"NIPAS Act"** shall refer to the National Integrated Protected Areas System Act
36 of 1992 or Republic Act No. 7586, and its pertinent rules and regulations;
37
- 38 x) **"Non-government organization (NGO)"** shall refer to any civic,
39 development, conservation or philanthropic, non-stock, no-profit
40 organization, duly registered, having by-laws, a democratically elected
41 representation and multi-sectoral in character;
42
- 43 y) **"Non-renewable resources"** shall refer to those resources within the SBNP
44 and its buffer zones, the natural replenishment rate of which is not known;
45
- 46 z) **"PASu"** shall refer to the Protected Area Superintendent;
47
- 48 aa) **"PAMB"** shall refer to the Protected Area Management Board;
49
- 50 bb) **"People's organization"** shall refer to any organized group of people residing
51 within the SBNP and its buffer zones formed to advance the interest of the
52 sector they represent;
53

- 1 cc) **"Protected area"** shall refer to identified portions of land and water set aside
2 by reason of their unique physical and biological significance, managed to
3 enhance biological diversity and protected against destructive human
4 exploitation, and unless the context otherwise provides, shall refer to the
5 SBNP;
6
- 7 dd) **"Protected Species"** shall refer to any plant or animal that is declared
8 'protected' under Philippine laws, rules and regulations. These also include
9 all plants and animals listed under the Convention of International Trade of
10 Endangered Species (CITES) and all its Annexes, the Bonn Convention on
11 Migratory Animals, those specified under the red-list categories of the
12 International Union for the Conservation of Nature (IUCN), or any plant or
13 animal which the PAMB may deem necessary for conservation and
14 preservation in the SBNP;
15
- 16 ee) **"Quarrying"** shall refer to the process of extracting, removing and disposing
17 quarry resources, as defined by law, found on or underneath the surface of
18 private or public land;
19
- 20 ff) **"Recreation zones"** shall refer to areas of high recreational, tourism,
21 educational or environmental awareness values where sustainable eco-
22 tourism, recreational, conservation, education or public awareness activities
23 may be allowed as prescribed in the management plan;
24
- 25 gg) **"Special use zones"** shall refer to areas containing existing installations of
26 national significance such as telecommunication facilities, irrigation canals or
27 electric power lines;
28
- 29 hh) **"Sustainable use"** shall refer to the use of components of biological diversity
30 in a way and at a rate that does not lead the decline of the species used and
31 not causing permanent or long-term diminishment or qualitative degradation
32 of biological species, ecological functions or of other resources extracted or
33 disturbed thereby maintaining its potential to meet the needs and aspirations
34 of the present and future Filipino generations;
35
- 36 ii) **"Strict protection zones"** shall refer to areas with high biodiversity value
37 which shall be closed to all human activity except for scientific studies
38 and/or ceremonial or religious use ICCs/IPs;
39
- 40 jj) **"Tenured migrants"** shall refer to individuals and households within the
41 SBNP who actually and continuously occupied such areas for five (5) YEARS
42 PRIOR TO the Presidential Proclamation of the Subic Watershed Forest
43 Reserve and Bataan Natural Park as protected area and are substantially
44 dependent therein for subsistence;
45
- 46 kk) **"Traditional"** shall refer to using no power machinery resource in extraction
47 process and consistent with historically customary techniques of production;
48
- 49 ll) **"Wildlife"** shall refer to wild forms and varieties of flora and fauna, including
50 captive-bred or propagated individuals, parts, derivatives and by-products
51 thereof; AND
52
- 53 mm) **"Zones"** shall refer to the divisions within the SBNP into levels of
54 protection and permitted use of natural resources such as strict protection

1 zone, sustainable use zone, restoration zone, habitat management zone,
2 multiple-use zone, cultural zone, recreational zone and special use zone, as
3 provided under existing rules and regulations;
4

5
6 **Section 4. Declaration and Scope.** – Pursuant to and in accordance with the
7 NIPAS Act, the Subic-Bataan Natural Park within the Island of Luzon is hereby
8 declared and established as a protected area and part of the National Integrated
9 Protected Area Systems under the category of a natural park as defined herein.

10
11 The boundaries of the Subic-Bataan Natural Park (SBNP) and its boundaries
12 are hereby described as follows:
13

14 **PARCEL 1:** Beginning at point 1 on the Map which is marked on the
15 Nabasan Wharf with coordinates of 120.2771 Latitude and 14.7963 Longitude
16 towards point 2 in the general direction of the Ilanin River, thence, the coordinates
17 of the other corners of the boundary of Parcel 1 (Subic Watershed protected area) of
18 the Subic-Bataan Natural Park are as follows:
19

20

| 21 | CORNER/STATION | LATITUDE (000.0000 ⁰) | LONGITUDE |
|----|--------------------------|-----------------------------------|-----------|
| 22 | (000.0000 ⁰) | | |
| 23 | 001 | 120.2271 | 14.7963 |
| 24 | 002 | 120.2685 | 14.7922 |
| 25 | 003 | 120.2692 | 14.7899 |
| 26 | 004 | 120.2671 | 14.7880 |
| 27 | 005 | 120.2761 | 14.7855 |
| 28 | 006 | 120.2783 | 14.7810 |
| 29 | 007 | 120.2768 | 14.7782 |
| 30 | 008 | 120.2746 | 14.7793 |
| 31 | 009 | 120.2727 | 14.7788 |
| 32 | 010 | 120.2739 | 14.7766 |
| 33 | 011 | 120.2724 | 14.7765 |
| 34 | 012 | 120.2705 | 14.7758 |
| 35 | 013 | 120.2688 | 14.7759 |
| 36 | 014 | 120.2675 | 14.7768 |
| 37 | 015 | 120.2627 | 14.7771 |
| 38 | 016 | 120.2639 | 14.7748 |
| 39 | 017 | 120.2634 | 14.7727 |
| 40 | 018 | 120.2602 | 14.7723 |
| 41 | 019 | 120.2579 | 14.7723 |
| 42 | 020 | 120.2561 | 14.7737 |
| 43 | 021 | 120.3562 | 14.7751 |
| 44 | 022 | 120.2545 | 14.7756 |
| 45 | 023 | 120.2538 | 14.7729 |
| 46 | 024 | 120.2528 | 14.7720 |
| 47 | 025 | 120.2550 | 14.7706 |
| 48 | 026 | 120.2563 | 14.7709 |
| 49 | 027 | 120.2585 | 14.7685 |
| 50 | 028 | 120.2567 | 14.7669 |
| 51 | 030 | 120.2533 | 14.7660 |
| 52 | 031 | 120.2510 | 14.7667 |

| | | | |
|----|-----|----------|---------|
| 1 | 032 | 120.2492 | 14.7668 |
| 2 | 033 | 120.2468 | 14.7675 |
| 3 | 034 | 120.2442 | 14.7669 |
| 4 | 035 | 120.2421 | 14.7656 |
| 5 | 036 | 120.2404 | 14.7639 |
| 6 | 037 | 120.2428 | 14.7616 |
| 7 | 038 | 120.2453 | 14.7598 |
| 8 | 039 | 120.2466 | 14.7574 |
| 9 | 040 | 120.2462 | 14.7551 |
| 10 | 041 | 120.2455 | 14.7533 |
| 11 | 042 | 120.2471 | 14.7517 |
| 12 | 043 | 120.2492 | 14.7505 |
| 13 | 044 | 120.2509 | 14.7485 |
| 14 | 045 | 120.2538 | 14.7467 |
| 15 | 046 | 120.2568 | 14.7466 |
| 16 | 047 | 120.2595 | 14.7461 |
| 17 | 048 | 120.2622 | 14.7460 |
| 18 | 049 | 120.2651 | 14.7469 |
| 19 | 050 | 120.2685 | 14.7469 |
| 20 | 051 | 120.2712 | 14.7458 |
| 21 | 052 | 120.2742 | 14.7464 |
| 22 | 053 | 120.2754 | 14.7446 |
| 23 | 054 | 120.2744 | 14.7420 |
| 24 | 055 | 120.2945 | 14.7386 |
| 25 | 056 | 120.2973 | 14.7390 |
| 26 | 057 | 120.3015 | 14.7392 |
| 27 | 058 | 120.3074 | 14.7390 |
| 28 | 059 | 120.3138 | 14.7385 |
| 29 | 060 | 120.3139 | 14.7387 |
| 30 | 061 | 120.3236 | 14.7381 |
| 31 | 062 | 120.3284 | 14.7394 |
| 32 | 063 | 120.3338 | 14.7423 |
| 33 | 064 | 120.3533 | 14.7440 |
| 34 | 065 | 120.3550 | 14.7468 |
| 35 | 066 | 120.3728 | 14.7460 |
| 36 | 067 | 120.3766 | 14.7485 |
| 37 | 068 | 120.3782 | 14.7503 |
| 38 | 069 | 120.3803 | 14.7554 |
| 39 | 070 | 120.3856 | 14.7576 |
| 40 | 071 | 120.3855 | 14.7614 |
| 41 | 072 | 120.3804 | 14.7618 |
| 42 | 073 | 120.3785 | 14.7649 |
| 43 | 074 | 120.3704 | 14.7629 |
| 44 | 075 | 120.3647 | 14.7602 |
| 45 | 076 | 120.3699 | 14.7650 |
| 46 | 077 | 120.3686 | 14.7662 |
| 47 | 078 | 120.3702 | 14.7691 |
| 48 | 079 | 120.3712 | 14.7728 |
| 49 | 080 | 120.3712 | 14.7745 |
| 50 | 081 | 120.3710 | 14.7769 |
| 51 | 082 | 120.3708 | 14.7807 |
| 52 | 083 | 120.3705 | 14.7831 |
| 53 | 084 | 120.3708 | 14.7853 |
| 54 | 085 | 120.3727 | 14.7894 |

| | | | |
|----|-----|----------|---------|
| 1 | 086 | 120.3723 | 14.7925 |
| 2 | 087 | 120.3716 | 14.7954 |
| 3 | 088 | 120.3683 | 14.7997 |
| 4 | 089 | 120.3664 | 14.8030 |
| 5 | 090 | 120.3655 | 14.8087 |
| 6 | 091 | 120.3644 | 14.8101 |
| 7 | 092 | 120.3633 | 14.8105 |
| 8 | 093 | 120.3620 | 14.8107 |
| 9 | 094 | 120.3615 | 14.8114 |
| 10 | 095 | 120.3615 | 14.8127 |
| 11 | 096 | 120.3624 | 14.8147 |
| 12 | 097 | 120.3631 | 14.8166 |
| 13 | 098 | 120.3631 | 14.8191 |
| 14 | 099 | 120.3626 | 14.8213 |
| 15 | 100 | 120.3618 | 14.8228 |
| 16 | 101 | 120.3604 | 14.8245 |
| 17 | 102 | 120.3628 | 14.8263 |
| 18 | 103 | 120.3605 | 14.8298 |
| 19 | 104 | 120.3512 | 14.8294 |
| 20 | 105 | 120.3384 | 14.8182 |
| 21 | 106 | 120.3207 | 14.8352 |
| 22 | 107 | 120.3084 | 14.8359 |
| 23 | 108 | 120.3038 | 14.8381 |
| 24 | 109 | 120.2957 | 14.8398 |
| 25 | 110 | 120.2941 | 14.8430 |
| 26 | 111 | 120.2959 | 14.8464 |
| 27 | 112 | 120.2962 | 14.8488 |
| 28 | 113 | 120.2934 | 14.8486 |
| 29 | 114 | 120.2887 | 14.8462 |
| 30 | 115 | 120.2896 | 14.8435 |
| 31 | 116 | 120.2876 | 14.8412 |
| 32 | 117 | 120.2880 | 14.8387 |
| 33 | 118 | 120.2946 | 14.8358 |
| 34 | 119 | 120.2921 | 14.8343 |
| 35 | 120 | 120.2929 | 14.8328 |
| 36 | 121 | 120.2976 | 14.8318 |
| 37 | 122 | 120.3045 | 14.8205 |
| 38 | 123 | 120.3156 | 14.8207 |
| 39 | 124 | 120.3164 | 14.8170 |
| 40 | 125 | 120.3211 | 14.8160 |
| 41 | 126 | 120.3227 | 14.8098 |
| 42 | 127 | 120.3284 | 14.8054 |
| 43 | 128 | 120.3283 | 14.7940 |
| 44 | 129 | 120.3244 | 14.8016 |
| 45 | 130 | 120.3166 | 14.7986 |
| 46 | 131 | 120.3114 | 14.7986 |
| 47 | 132 | 120.3057 | 14.8031 |
| 48 | 133 | 120.3045 | 14.8067 |
| 49 | 134 | 120.3053 | 14.8082 |
| 50 | 135 | 120.3028 | 14.8091 |
| 51 | 136 | 120.3014 | 14.8119 |
| 52 | 137 | 120.2985 | 14.8128 |
| 53 | 138 | 120.2985 | 14.8152 |
| 54 | 139 | 120.3031 | 14.8160 |

| | | | |
|----|-----|----------|---------|
| 1 | 140 | 120.3027 | 14.8188 |
| 2 | 141 | 120.2986 | 14.8187 |
| 3 | 142 | 120.2929 | 14.8167 |
| 4 | 143 | 120.2919 | 14.8135 |
| 5 | 144 | 120.2979 | 14.8100 |
| 6 | 145 | 120.2978 | 14.8049 |
| 7 | 146 | 120.3102 | 14.7936 |
| 8 | 147 | 120.3132 | 14.7853 |
| 9 | 148 | 120.2882 | 14.7947 |
| 10 | 149 | 120.2854 | 14.7918 |
| 11 | 150 | 120.2814 | 14.7915 |
| 12 | 151 | 120.2788 | 14.7936 |

13
14
15
16
17
18
19

Thence, from the last corner marked corner/station 151, a point on the map at the Nabasan Mangrove, to corner/station 1, the point of beginning due northwest, representing the perimeter of Parcel 1 of the Subic-Bataan Natural Ark (Subic Watershed Forest Reserve) with an approximate area of **Nine Thousand Two Hundred (9,200) hectares.**

20
21
22
23
24
25
26
27

PARCEL 2: Beginning at a point 1 on the Map which is marked as corner "1" which is approximately 2,800 meters at S 22° E from MBM No. 1 in the Morong Cadastre which lies beside the US Naval Base Radar Station/Lighthouse located on the Mt. Sta. Rita Peak, Hermosa, Bataan with the coordinates: Latitude and Longitude towards point 2 in the general direction of the Ilanin River, thence, the coordinates of the other corners of the boundary of Parcel 2 (Bataan Natural Park) of the Subic-Bataan Natural Park are as follows:

| | CORNER/STATION | LATITUDE (000.00000) | LONGITUDE (000.00000) |
|----|----------------|----------------------|-----------------------|
| 28 | | | |
| 29 | 001 | 120.36290 | 14.82633 |
| 30 | 002 | 120.36040 | 14.82454 |
| 31 | 003 | 120.36180 | 14.82279 |
| 32 | 004 | 120.36263 | 14.82125 |
| 33 | 005 | 120.36310 | 14.81905 |
| 34 | 006 | 120.36310 | 14.81664 |
| 35 | 007 | 120.36240 | 14.81467 |
| 36 | 008 | 120.36200 | 14.81357 |
| 37 | 009 | 120.36150 | 14.81269 |
| 38 | 010 | 120.36150 | 14.81137 |
| 39 | 011 | 120.36200 | 14.81072 |
| 40 | 012 | 120.36330 | 14.81050 |
| 41 | 013 | 120.36440 | 14.81006 |
| 42 | 014 | 120.36550 | 14.80874 |
| 43 | 015 | 120.36590 | 14.80676 |
| 44 | 016 | 120.36610 | 14.80479 |
| 45 | 017 | 120.36640 | 14.80304 |
| 46 | 018 | 120.36720 | 14.80150 |
| 47 | 019 | 120.36830 | 14.79974 |
| 48 | 020 | 120.37030 | 14.7973 |
| 49 | 021 | 120.37160 | 14.79535 |
| 50 | 022 | 120.37230 | 14.79250 |
| 51 | 023 | 120.37290 | 14.79031 |
| 52 | 024 | 120.37270 | 14.78943 |
| 53 | 025 | 120.37080 | 14.78526 |

| | | | |
|----|-----|-----------|----------|
| 1 | 026 | 120.37050 | 14.78307 |
| 2 | 027 | 120.37080 | 14.78065 |
| 3 | 028 | 120.37100 | 14.77692 |
| 4 | 029 | 120.37120 | 14.77451 |
| 5 | 030 | 120.37120 | 14.77275 |
| 6 | 031 | 120.37020 | 14.76913 |
| 7 | 032 | 120.36860 | 14.76623 |
| 8 | 033 | 120.36990 | 14.76497 |
| 9 | 034 | 120.36470 | 14.76020 |
| 10 | 035 | 120.37040 | 14.76288 |
| 11 | 036 | 120.27850 | 14.76488 |
| 12 | 037 | 120.38040 | 14.76182 |
| 13 | 038 | 120.38550 | 14.76137 |
| 14 | 039 | 120.38530 | 14.75764 |
| 15 | 040 | 120.38030 | 14.75542 |
| 16 | 041 | 120.37820 | 14.75026 |
| 17 | 042 | 120.37660 | 14.74853 |
| 18 | 043 | 120.37280 | 14.74600 |
| 19 | 044 | 120.35500 | 14.74678 |
| 20 | 045 | 120.35330 | 14.74403 |
| 21 | 046 | 120.33380 | 14.74231 |
| 22 | 047 | 120.33110 | 14.74093 |
| 23 | 048 | 120.32840 | 14.73940 |
| 24 | 049 | 120.32630 | 14.73874 |
| 25 | 050 | 120.32360 | 14.73808 |
| 26 | 051 | 120.31990 | 14.73874 |
| 27 | 052 | 120.31180 | 14.73852 |
| 28 | 053 | 120.30740 | 14.73896 |
| 29 | 054 | 120.30150 | 14.73918 |
| 30 | 055 | 120.29730 | 14.73896 |
| 31 | 056 | 120.29450 | 14.73864 |
| 32 | 057 | 120.28860 | 14.72762 |
| 33 | 058 | 120.28640 | 14.72701 |
| 34 | 059 | 120.28550 | 14.72836 |
| 35 | 060 | 120.28610 | 14.73113 |
| 36 | 061 | 120.28750 | 14.73213 |
| 37 | 062 | 120.28880 | 14.73263 |
| 38 | 063 | 120.29060 | 14.73248 |
| 39 | 064 | 120.29010 | 14.73403 |
| 40 | 065 | 120.29170 | 14.73482 |
| 41 | 066 | 120.29217 | 14.73641 |
| 42 | 067 | 120.29450 | 14.73864 |
| 43 | 068 | 120.36290 | 14.82633 |
| 44 | 069 | 120.37820 | 14.83143 |
| 45 | 070 | 120.37220 | 14.83143 |
| 46 | 071 | 120.37330 | 14.83033 |
| 47 | 072 | 120.37500 | 14.82903 |
| 48 | 073 | 120.37600 | 14.82836 |
| 49 | 074 | 120.37530 | 14.82666 |
| 50 | 075 | 120.37540 | 14.82624 |
| 51 | 076 | 120.37560 | 14.82061 |
| 52 | 077 | 120.37410 | 14.81968 |
| 53 | 078 | 120.37320 | 14.82024 |
| 54 | 079 | 120.37290 | 14.81920 |

| | | | |
|----|-----|-----------|----------|
| 1 | 080 | 120.37220 | 14.81839 |
| 2 | 081 | 120.38270 | 14.81720 |
| 3 | 082 | 120.37230 | 14.81556 |
| 4 | 083 | 120.37090 | 14.81197 |
| 5 | 084 | 120.37320 | 14.81258 |
| 6 | 085 | 120.37310 | 14.81133 |
| 7 | 086 | 120.37330 | 14.80952 |
| 8 | 087 | 120.37340 | 14.80848 |
| 9 | 088 | 120.37290 | 14.80762 |
| 10 | 089 | 120.37240 | 14.80628 |
| 11 | 090 | 120.37270 | 14.80497 |
| 12 | 091 | 120.37310 | 14.80979 |
| 13 | 092 | 120.37370 | 14.80145 |
| 14 | 093 | 120.37440 | 14.80063 |
| 15 | 094 | 120.37490 | 14.79111 |
| 16 | 095 | 120.37590 | 14.79735 |
| 17 | 096 | 120.37860 | 14.79650 |
| 18 | 097 | 120.37990 | 14.79647 |
| 19 | 098 | 120.38140 | 14.79646 |
| 20 | 099 | 120.38300 | 14.79651 |
| 21 | 100 | 120.38490 | 14.79670 |
| 22 | 101 | 120.39020 | 14.80169 |
| 23 | 102 | 120.39130 | 14.79501 |
| 24 | 103 | 120.39550 | 14.79572 |
| 25 | 104 | 120.39490 | 14.80161 |
| 26 | 105 | 120.40020 | 14.80636 |
| 27 | 106 | 120.40090 | 14.80724 |
| 28 | 107 | 120.40140 | 14.80883 |
| 29 | 108 | 120.40170 | 14.81003 |
| 30 | 109 | 120.40240 | 14.81129 |
| 31 | 110 | 120.40240 | 14.81265 |
| 32 | 111 | 120.40210 | 14.81402 |
| 33 | 112 | 120.40190 | 14.81523 |
| 34 | 113 | 120.40290 | 14.81602 |
| 35 | 114 | 120.40300 | 14.81703 |
| 36 | 115 | 120.40270 | 14.81828 |
| 37 | 116 | 120.40270 | 14.82007 |
| 38 | 117 | 120.40300 | 14.82140 |
| 39 | 118 | 120.40510 | 14.82250 |
| 40 | 119 | 120.40560 | 14.82464 |
| 41 | 120 | 120.40630 | 14.82520 |
| 42 | 121 | 120.41060 | 14.82669 |
| 43 | 122 | 120.41010 | 14.82173 |
| 44 | 123 | 120.40990 | 14.81875 |
| 45 | 124 | 120.40870 | 14.81580 |
| 46 | 125 | 120.40790 | 14.81417 |
| 47 | 126 | 120.40750 | 14.81189 |
| 48 | 127 | 120.40640 | 14.80961 |
| 49 | 128 | 120.40500 | 14.80889 |
| 50 | 129 | 120.40460 | 14.80504 |
| 51 | 130 | 120.40390 | 14.80384 |
| 52 | 131 | 120.40350 | 14.79945 |
| 53 | 132 | 120.40030 | 14.79866 |
| 54 | 133 | 120.40180 | 14.79594 |

| | | | |
|----|-----|-----------|----------|
| 1 | 134 | 120.40190 | 14.79258 |
| 2 | 135 | 120.40120 | 14.79118 |
| 3 | 136 | 120.40200 | 14.79045 |
| 4 | 137 | 120.40350 | 14.79017 |
| 5 | 138 | 120.40450 | 14.79088 |
| 6 | 139 | 120.40580 | 14.79162 |
| 7 | 140 | 120.40610 | 14.79281 |
| 8 | 141 | 120.40620 | 14.79499 |
| 9 | 142 | 120.40600 | 14.79639 |
| 10 | 143 | 120.40550 | 14.79815 |
| 11 | 144 | 120.40510 | 14.79988 |
| 12 | 145 | 120.40580 | 14.80147 |
| 13 | 146 | 120.40830 | 14.80068 |
| 14 | 147 | 120.40910 | 14.80003 |
| 15 | 148 | 120.40860 | 14.79914 |
| 16 | 149 | 120.40860 | 14.79802 |
| 17 | 150 | 120.40860 | 14.79643 |
| 18 | 151 | 120.41080 | 14.79509 |
| 19 | 152 | 120.41080 | 14.79672 |
| 20 | 153 | 120.41590 | 14.80379 |
| 21 | 154 | 120.41340 | 14.80415 |
| 22 | 155 | 120.41230 | 14.80400 |
| 23 | 156 | 120.40800 | 14.80280 |
| 24 | 157 | 120.40650 | 14.80500 |
| 25 | 158 | 120.40810 | 14.80540 |
| 26 | 159 | 120.40920 | 14.80561 |
| 27 | 160 | 120.41060 | 14.80587 |
| 28 | 161 | 120.41080 | 14.80703 |
| 29 | 162 | 120.41060 | 14.80814 |
| 30 | 163 | 120.41180 | 14.80923 |
| 31 | 164 | 120.41080 | 14.81117 |
| 32 | 165 | 120.41110 | 14.81452 |
| 33 | 166 | 120.41240 | 14.81687 |
| 34 | 167 | 120.41320 | 14.81866 |
| 35 | 168 | 120.41300 | 14.81975 |
| 36 | 169 | 120.41330 | 14.82240 |
| 37 | 170 | 120.41370 | 14.82427 |
| 38 | 171 | 120.41470 | 14.82551 |
| 39 | 172 | 120.41940 | 14.82096 |
| 40 | 173 | 120.41670 | 14.82137 |
| 41 | 174 | 120.41700 | 14.81859 |
| 42 | 175 | 120.41560 | 14.81783 |
| 43 | 176 | 120.41580 | 14.81593 |
| 44 | 177 | 120.41460 | 14.81370 |
| 45 | 178 | 120.41540 | 14.81225 |
| 46 | 179 | 120.41620 | 14.81105 |
| 47 | 180 | 120.41990 | 14.80782 |
| 48 | 181 | 120.42200 | 14.80939 |
| 49 | 182 | 120.42370 | 14.81396 |
| 50 | 183 | 120.42700 | 14.81910 |
| 51 | 184 | 120.42920 | 14.81767 |
| 52 | 185 | 120.42950 | 14.81241 |
| 53 | 186 | 120.42940 | 14.81132 |
| 54 | 187 | 120.42880 | 14.81014 |

| | | | |
|----|-----|-----------|----------|
| 1 | 188 | 120.42830 | 14.80926 |
| 2 | 189 | 120.42690 | 14.80807 |
| 3 | 190 | 120.42560 | 14.80693 |
| 4 | 191 | 120.42510 | 14.80594 |
| 5 | 192 | 120.42450 | 14.80470 |
| 6 | 193 | 120.42370 | 14.80342 |
| 7 | 194 | 120.42370 | 14.80342 |
| 8 | 195 | 120.42450 | 14.80238 |
| 9 | 196 | 120.42550 | 14.80124 |
| 10 | 197 | 120.42640 | 14.80212 |
| 11 | 198 | 120.42670 | 14.80343 |
| 12 | 199 | 120.42680 | 14.80471 |
| 13 | 200 | 120.42740 | 14.80560 |
| 14 | 201 | 120.42810 | 14.80655 |
| 15 | 202 | 120.42880 | 14.80750 |
| 16 | 203 | 120.42960 | 14.80836 |
| 17 | 204 | 120.43050 | 14.80981 |
| 18 | 205 | 120.43100 | 14.81108 |
| 19 | 206 | 120.43150 | 14.81245 |
| 20 | 207 | 120.43440 | 14.81359 |
| 21 | 208 | 120.43270 | 14.80812 |
| 22 | 209 | 120.43660 | 14.80549 |
| 23 | 210 | 120.43450 | 14.80193 |
| 24 | 211 | 120.43870 | 14.79872 |
| 25 | 212 | 120.44230 | 14.79624 |
| 26 | 213 | 120.44470 | 14.49488 |
| 27 | 214 | 120.44380 | 14.79408 |
| 28 | 215 | 120.44320 | 14.79271 |
| 29 | 216 | 120.44290 | 14.79166 |
| 30 | 217 | 120.44190 | 14.78879 |
| 31 | 218 | 120.44210 | 14.78624 |
| 32 | 219 | 120.44110 | 14.78040 |
| 33 | 220 | 120.43630 | 14.77415 |
| 34 | 221 | 120.43600 | 14.76996 |
| 35 | 222 | 120.43330 | 14.77034 |
| 36 | 223 | 120.43210 | 14.76386 |
| 37 | 224 | 120.43110 | 14.76130 |
| 38 | 225 | 120.42930 | 14.76448 |
| 39 | 226 | 120.42880 | 14.76314 |
| 40 | 227 | 120.42940 | 14.76168 |
| 41 | 228 | 120.42760 | 14.76052 |
| 42 | 229 | 120.42570 | 14.76202 |
| 43 | 230 | 120.42490 | 14.76384 |
| 44 | 231 | 120.42240 | 14.76374 |
| 45 | 232 | 120.42380 | 14.76110 |
| 46 | 233 | 120.42500 | 14.75868 |
| 47 | 234 | 120.42450 | 14.75671 |
| 48 | 235 | 120.42490 | 14.75292 |
| 49 | 236 | 120.42680 | 14.75082 |
| 50 | 237 | 120.42740 | 14.75160 |
| 51 | 238 | 120.42800 | 14.75239 |
| 52 | 239 | 120.42880 | 14.75297 |
| 53 | 240 | 120.42980 | 14.75263 |
| 54 | 241 | 120.43080 | 14.75248 |

| | | | |
|----|-----|-----------|----------|
| 1 | 242 | 120.43190 | 14.75243 |
| 2 | 243 | 120.43290 | 14.75237 |
| 3 | 244 | 120.43390 | 14.75226 |
| 4 | 245 | 120.43490 | 14.75229 |
| 5 | 246 | 120.43550 | 14.75145 |
| 6 | 247 | 120.43570 | 14.75044 |
| 7 | 248 | 120.43560 | 14.74940 |
| 8 | 249 | 120.43570 | 14.74536 |
| 9 | 250 | 120.43600 | 14.74729 |
| 10 | 251 | 120.43620 | 14.74630 |
| 11 | 252 | 120.43670 | 14.74542 |
| 12 | 253 | 120.43730 | 14.74458 |
| 13 | 254 | 120.43810 | 14.43900 |
| 14 | 255 | 120.43910 | 14.74365 |
| 15 | 256 | 120.44010 | 14.74351 |
| 16 | 257 | 120.44110 | 14.74358 |
| 17 | 258 | 120.44210 | 14.74370 |
| 18 | 259 | 120.44300 | 14.74423 |
| 19 | 260 | 120.44400 | 14.74450 |
| 20 | 261 | 120.44170 | 14.74196 |
| 21 | 262 | 120.43930 | 14.74078 |
| 22 | 263 | 120.42440 | 14.73093 |
| 23 | 264 | 120.43870 | 14.72184 |
| 24 | 265 | 120.44690 | 14.71679 |
| 25 | 266 | 120.43090 | 14.69522 |
| 26 | 267 | 120.41770 | 14.69048 |
| 27 | 268 | 120.41460 | 14.67740 |
| 28 | 269 | 120.41910 | 14.67305 |
| 29 | 270 | 120.41170 | 14.66917 |
| 30 | 271 | 120.40460 | 14.66953 |
| 31 | 272 | 120.39720 | 14.33984 |
| 32 | 273 | 120.39720 | 14.66984 |
| 33 | 274 | 120.38880 | 14.65960 |
| 34 | 275 | 120.37530 | 14.65890 |
| 35 | 276 | 120.37180 | 14.65835 |
| 36 | 277 | 120.37130 | 14.65749 |
| 37 | 278 | 120.37090 | 14.65654 |
| 38 | 279 | 120.37070 | 14.65551 |
| 39 | 280 | 120.37070 | 14.65448 |
| 40 | 281 | 120.37080 | 14.65345 |
| 41 | 282 | 120.37080 | 14.65243 |
| 42 | 283 | 120.37080 | 14.65141 |
| 43 | 284 | 120.37060 | 14.65042 |
| 44 | 285 | 120.37030 | 14.64945 |
| 45 | 286 | 120.37040 | 14.64844 |
| 46 | 287 | 120.37090 | 14.64752 |
| 47 | 288 | 120.37130 | 14.64656 |
| 48 | 289 | 120.37160 | 14.64556 |
| 49 | 290 | 120.37170 | 14.64456 |
| 50 | 291 | 120.37170 | 14.64354 |
| 51 | 292 | 120.37170 | 14.64253 |
| 52 | 293 | 120.37180 | 14.64151 |
| 53 | 294 | 120.37190 | 14.64052 |
| 54 | 295 | 120.37150 | 14.63958 |

| | | | |
|----|-----|-----------|----------|
| 1 | 296 | 120.37110 | 14.63864 |
| 2 | 297 | 120.37070 | 14.63770 |
| 3 | 298 | 120.37040 | 14.63673 |
| 4 | 299 | 120.37040 | 14.63573 |
| 5 | 300 | 120.37060 | 14.63471 |
| 6 | 301 | 120.37050 | 14.63367 |
| 7 | 302 | 120.36960 | 14.63309 |
| 8 | 303 | 120.36920 | 14.63214 |
| 9 | 304 | 120.36890 | 14.63118 |
| 10 | 305 | 120.36820 | 14.63018 |
| 11 | 306 | 120.36830 | 14.62920 |
| 12 | 307 | 120.36770 | 14.62838 |
| 13 | 308 | 120.36670 | 14.62848 |
| 14 | 309 | 120.36640 | 14.62944 |
| 15 | 310 | 120.36620 | 14.63042 |
| 16 | 311 | 120.36570 | 14.63135 |
| 17 | 312 | 120.36480 | 14.63110 |
| 18 | 313 | 120.36410 | 14.63036 |
| 19 | 314 | 120.36340 | 14.62956 |
| 20 | 315 | 120.36240 | 14.62927 |
| 21 | 316 | 120.36150 | 14.62901 |
| 22 | 317 | 120.36080 | 14.62829 |
| 23 | 318 | 120.36010 | 14.62756 |
| 24 | 319 | 120.35910 | 14.62716 |
| 25 | 320 | 120.35810 | 14.62733 |
| 26 | 321 | 120.35720 | 14.62694 |
| 27 | 322 | 120.35670 | 14.62605 |
| 28 | 323 | 120.35640 | 14.62508 |
| 29 | 324 | 120.35610 | 14.62411 |
| 30 | 325 | 120.35510 | 14.62414 |
| 31 | 326 | 120.35500 | 14.62514 |
| 32 | 327 | 120.35510 | 14.62614 |
| 33 | 328 | 120.35510 | 14.62714 |
| 34 | 329 | 120.35480 | 14.62812 |
| 35 | 330 | 120.35440 | 14.62902 |
| 36 | 331 | 120.35390 | 14.62991 |
| 37 | 332 | 120.35340 | 14.63083 |
| 38 | 333 | 120.35290 | 14.63167 |
| 39 | 334 | 120.35290 | 14.63167 |
| 40 | 335 | 120.35270 | 14.63069 |
| 41 | 336 | 120.35240 | 14.62972 |
| 42 | 337 | 120.35240 | 14.62871 |
| 43 | 338 | 120.35210 | 14.62774 |
| 44 | 339 | 120.35190 | 14.62676 |
| 45 | 340 | 120.35150 | 14.62584 |
| 46 | 341 | 120.35100 | 14.62493 |
| 47 | 342 | 120.35020 | 14.62436 |
| 48 | 343 | 120.34920 | 14.62413 |
| 49 | 344 | 120.34820 | 14.62391 |
| 50 | 345 | 120.34730 | 14.62343 |
| 51 | 346 | 120.34640 | 14.62308 |
| 52 | 347 | 120.34550 | 14.62350 |
| 53 | 348 | 120.34470 | 14.62180 |
| 54 | 349 | 120.34460 | 14.62518 |

| | | | |
|----|-----|-----------|----------|
| 1 | 350 | 120.34460 | 14.62620 |
| 2 | 351 | 120.34470 | 14.62721 |
| 3 | 352 | 120.34480 | 14.62821 |
| 4 | 353 | 120.34410 | 14.63918 |
| 5 | 354 | 120.34480 | 14.63015 |
| 6 | 355 | 120.34310 | 14.63081 |
| 7 | 356 | 120.34220 | 14.63131 |
| 8 | 357 | 120.34280 | 14.63224 |
| 9 | 358 | 120.34290 | 14.63323 |
| 10 | 359 | 120.34320 | 14.63420 |
| 11 | 360 | 120.34310 | 14.63522 |
| 12 | 361 | 120.34230 | 14.63522 |
| 13 | 362 | 120.34230 | 14.63570 |
| 14 | 363 | 120.34120 | 14.66357 |
| 15 | 364 | 120.24040 | 14.63562 |
| 16 | 365 | 120.33970 | 14.63509 |
| 17 | 366 | 120.38880 | 14.63431 |
| 18 | 367 | 120.33780 | 14.63378 |
| 19 | 368 | 120.33680 | 14.63372 |
| 20 | 369 | 120.33590 | 14.63344 |
| 21 | 370 | 120.33500 | 14.63319 |
| 22 | 371 | 120.33450 | 14.63363 |
| 23 | 372 | 120.33350 | 14.63449 |
| 24 | 373 | 120.33250 | 14.63481 |
| 25 | 374 | 120.33180 | 14.63498 |
| 26 | 375 | 120.33230 | 14.63576 |
| 27 | 376 | 120.33210 | 14.63667 |
| 28 | 377 | 120.33270 | 14.63766 |
| 29 | 378 | 120.33340 | 14.63842 |
| 30 | 379 | 120.33420 | 14.63921 |
| 31 | 380 | 120.33510 | 14.63984 |
| 32 | 381 | 120.33580 | 14.64085 |
| 33 | 382 | 120.33650 | 14.64162 |
| 34 | 383 | 120.33690 | 14.64254 |
| 35 | 384 | 120.33600 | 14.64291 |
| 36 | 385 | 120.33500 | 14.64328 |
| 37 | 386 | 120.33430 | 14.64392 |
| 38 | 387 | 120.33360 | 14.64474 |
| 39 | 388 | 120.33320 | 14.64567 |
| 40 | 389 | 120.33330 | 14.64668 |
| 41 | 390 | 120.33350 | 14.64765 |
| 42 | 391 | 120.33390 | 14.64861 |
| 43 | 392 | 120.33440 | 14.64944 |
| 44 | 393 | 120.33530 | 14.64987 |
| 45 | 394 | 120.33630 | 14.65010 |
| 46 | 395 | 120.33730 | 14.65046 |
| 47 | 396 | 120.33760 | 14.65142 |
| 48 | 397 | 120.33780 | 14.65240 |
| 49 | 398 | 120.33800 | 14.65338 |
| 50 | 399 | 120.33810 | 14.65439 |
| 51 | 400 | 120.33810 | 14.65540 |
| 52 | 401 | 120.33720 | 14.65576 |
| 53 | 402 | 120.33620 | 14.65599 |
| 54 | 403 | 120.33520 | 14.65613 |

| | | | |
|----|-----|-----------|----------|
| 1 | 404 | 120.33420 | 14.65593 |
| 2 | 405 | 120.33320 | 14.65567 |
| 3 | 406 | 120.3320 | 14.65475 |
| 4 | 407 | 120.33240 | 14.65386 |
| 5 | 408 | 120.33140 | 14.65401 |
| 6 | 409 | 120.33040 | 14.65435 |
| 7 | 410 | 120.32950 | 14.65484 |
| 8 | 411 | 120.32860 | 14.65530 |
| 9 | 412 | 120.32770 | 14.65569 |
| 10 | 413 | 120.32670 | 14.65616 |
| 11 | 414 | 120.32610 | 14.65505 |
| 12 | 415 | 120.32520 | 14.65115 |
| 13 | 416 | 120.32430 | 14.65360 |
| 14 | 417 | 120.32100 | 14.65347 |
| 15 | 418 | 120.31750 | 14.65348 |
| 16 | 419 | 120.31470 | 14.65336 |
| 17 | 420 | 120.31320 | 14.65030 |
| 18 | 421 | 120.30960 | 14.34952 |
| 19 | 422 | 120.30870 | 14.65297 |
| 20 | 423 | 120.31030 | 14.65402 |
| 21 | 424 | 120.31210 | 14.65585 |
| 22 | 425 | 120.31380 | 14.65802 |
| 23 | 426 | 120.31150 | 14.65907 |
| 24 | 427 | 120.31110 | 14.62249 |
| 25 | 428 | 120.31110 | 14.66397 |
| 26 | 429 | 120.31110 | 14.66501 |
| 27 | 430 | 120.31250 | 14.66605 |
| 28 | 431 | 120.31220 | 14.66730 |
| 29 | 432 | 120.30850 | 14.66832 |
| 30 | 433 | 120.30830 | 14.66950 |
| 31 | 434 | 120.31010 | 14.67067 |
| 32 | 435 | 120.31130 | 14.67235 |
| 33 | 436 | 120.31450 | 14.67377 |
| 34 | 437 | 120.31250 | 14.67429 |
| 35 | 438 | 120.31370 | 14.67524 |
| 36 | 439 | 120.31480 | 14.67631 |
| 37 | 440 | 120.31660 | 14.67797 |
| 38 | 441 | 120.31570 | 14.68046 |
| 39 | 442 | 120.31250 | 14.68108 |
| 40 | 443 | 120.30890 | 14.68004 |
| 41 | 444 | 120.30570 | 14.68068 |
| 42 | 445 | 120.30450 | 14.67963 |
| 43 | 446 | 120.60210 | 14.67795 |
| 44 | 447 | 120.29920 | 14.67607 |
| 45 | 448 | 120.29690 | 14.67695 |
| 46 | 449 | 120.29720 | 14.67882 |
| 47 | 450 | 120.29620 | 14.68067 |
| 48 | 451 | 120.29480 | 14.68226 |
| 49 | 452 | 120.29430 | 14.64859 |
| 50 | 453 | 120.29200 | 14.65831 |
| 51 | 454 | 120.29360 | 14.68746 |
| 52 | 455 | 120.29040 | 14.68716 |
| 53 | 456 | 120.29040 | 14.68934 |
| 54 | 457 | 120.29100 | 14.69119 |

| | | | |
|----|-----|-----------|----------|
| 1 | 458 | 120.29200 | 14.69258 |
| 2 | 459 | 120.29320 | 14.69464 |
| 3 | 460 | 120.29510 | 14.69834 |
| 4 | 461 | 120.29980 | 14.70051 |
| 5 | 462 | 120.30410 | 14.70147 |
| 6 | 463 | 120.30740 | 14.70141 |
| 7 | 464 | 120.31020 | 14.70132 |
| 8 | 465 | 120.31360 | 14.70161 |
| 9 | 466 | 120.31420 | 14.70246 |
| 10 | 467 | 120.31150 | 14.70253 |
| 11 | 468 | 120.30830 | 14.70400 |
| 12 | 469 | 120.30640 | 14.70461 |
| 13 | 470 | 120.30430 | 14.70564 |
| 14 | 471 | 120.30590 | 14.70745 |
| 15 | 472 | 120.30710 | 14.70844 |
| 16 | 473 | 120.30600 | 14.70967 |
| 17 | 474 | 120.30410 | 14.71044 |
| 18 | 475 | 120.30500 | 14.71247 |
| 19 | 476 | 120.30610 | 14.71514 |
| 20 | 477 | 120.30760 | 14.71646 |
| 21 | 478 | 120.30800 | 14.71924 |
| 22 | 479 | 120.30720 | 14.72013 |
| 23 | 480 | 120.30580 | 14.72099 |
| 24 | 481 | 120.30590 | 14.72263 |
| 25 | 482 | 120.30580 | 14.72385 |
| 26 | 483 | 120.30400 | 14.72419 |
| 27 | 484 | 120.30250 | 14.72557 |
| 28 | 485 | 120.29990 | 14.72565 |
| 29 | 486 | 120.29720 | 14.72658 |
| 30 | 487 | 120.29500 | 14.72589 |
| 31 | 488 | 120.29280 | 14.72506 |
| 32 | 489 | 120.29090 | 14.72397 |
| 33 | 490 | 120.28990 | 14.72244 |
| 34 | 491 | 120.28710 | 14.72239 |
| 35 | 492 | 120.28860 | 14.72412 |
| 36 | 493 | 120.28950 | 14.72579 |
| 37 | 494 | 120.28860 | 14.72762 |

38
39 Thence, to the point of beginning in the map marked Point 1 representing
40 MBM No. 1 in the Morong Cadastre, containing an approximate land area of
41 Twenty-three Thousand (23,000) hectares of proclaimed Bataan National Park.
42

43 The adjacent areas of the Subic Watershed Forest Reserve and Bataan
44 Natural Park is hereby proclaimed as a single protected area with Subic Watershed
45 Forest Reserve as Parcel 1 and Bataan Natural Park as Parcel 2 having a combined
46 total area of Thirty-two Thousand Four-Hundred Seventy-eight (32,478.00) hectares.
47

48 **Section 5. Establishment of a Buffer Zone.** – Buffer zones shall be
49 established for the purpose of providing an extra layer of protection around the
50 protected area in which restrictions can apply but where sustainable resource
51 management strategies involving local communities and the private sectors can
52 assist in repelling threats to the protected area. Such buffer zones shall be managed
53 according to the management plan as herein provided.

1
2
3 **ARTICLE II.**
4

5 **THE PROTECTED AREA MANAGEMENT BOARD**
6

7
8 **Section 6. Protected Area Management Board.** – The above describe area of
9 SBNP, consisting of Parcel 1 and Parcel 2 shall be managed under the respective
10 Protected Area Management Board (PAMB) as constituted pursuant to this Act and
11 its implementing rules and regulations; and shall be administered by the
12 Department of Environment and Natural Resources (DENR) and the Subic Bay
13 Metropolitan Authority as follows:
14

- 15 i. **Parcel 1** – Subic Watershed Forests Reserve shall remain under the
16 jurisdiction of the Subic Bay Metropolitan Authority (SBMA) with the
17 PAMB authority and functions delegated to the SBMA Board, the
18 provisions of existing laws, rules and regulations, agreements to the
19 contrary notwithstanding. However, management and administration of
20 the protected area by the SBMA shall be in accordance with the
21 appropriate provisions of the Act, and the NIPAS Law, and still subject to
22 existing DENR Policies on protected areas in a manner provided for in
23 the DENR-SBMA MOA.
24

25 The SBMA Management Board shall perform the duties and functions of
26 the Protected Area Management Board (PAMB) as specified/defined and
27 provided for under this Act and shall be composed of the following and
28 duly appointed by the Secretary of the Department of Environment and
29 Natural Resources:
30

- 31 a. SBMA Chairman and Administrator
32 b. SBMA Chief Operating Officer
33 c. All SBMA Board of Directors
34 d. D. A. for Public Works and Technical Services Group
35 e. D. A. for Trade and Tourism
36 f. D. A. for Ports
37 g. Head, Legal Department
38 h. Head, Ecology Center
39 i. Head, Strategic Planning Office
40 j. Head, Land and Estate Department
41 k. One representative from each IP/ICC within the Subic Watershed and
42 Forest Reserve
43 l. At least 4 representatives from NGOs operating within the Subic
44 Watershed and Forest Reserve, elected from among themselves
45 m. At least 4 representatives from Pos operating within the Subic
46 Watershed and Forest Reserve, elected from among themselves
47 n. Others as may be designated by the SBMA Management Board.
48

49 The Chairman and Administrator of SBMA is hereby designated as the
50 Chairman of the Protected Area Management Board for Parcel 1 of the SBNP.
51 Membership of other representatives to the said PAMB of Parcel 1 shall be subject
52 to the approval and endorsement by the SBMA Board.
53

1 II. **Parcel 2** – Bataan Natural Park shall be under the administrative
2 jurisdiction of the Department of Environment and Natural Resources
3 (DENR) to be administered by the Protected Area Management Board
4 (PAMB) composed of the following and duly appointed by the DENR:

- 5
6 a. The RED of the DENR Region III as chairperson
7 b. The Provincial Environment and Natural Resources Officer (PENRO)
8 of Bataan
9 c. The Provincial Environment and Natural Resources Officer (PENRO)
10 of Zambales
11 d. The Mayors of the Municipalities of Hermosa, Orani, Samal, Abucay,
12 Bagac and Morong. Each mayor may appoint a regular representative
13 whenever he/she cannot personally attend any of the PAMB meetings
14 e. The Provincial Planning and Development Officers of Bataan and
15 Zamblaes
16 f. The chairpersons of the associations of barangay captains of the
17 municipalities of Hermosa, Orani, Samal, Abucay, Bagac and
18 Morong.
19 g. One (1) representative from the Sangguniang Kabataan to be chosen
20 from among the chairpersons of each of the municipalities within the
21 BNP
22 h. At least four (4) representatives from NGOs operating within the BNP,
23 chosen from among themselves
24 i. At least four (4) representatives from POs from within the BNP,
25 chosen from among themselves; and,
26 j. One representative from each ICC/IP within the BNP.

27
28 The Protected Area Management Board (PAMB) shall be the sole policy-
29 making and permit granting body of the SBNP and its buffer zones.
30

31
32 **Section 7. *The Advisory and Coordinating Council (ACC)*** – The SBMA and
33 BNP PAMBs shall enter into a Memorandum of Agreement (MOA) to create an
34 Advisory Coordinating Council (ACC) composed of RED of Region III, as
35 chairperson, the SBMA chairman and the Provincial Environment and Natural
36 Resources Officer of Bataan, as members. The duties and responsibilities of the ACC
37 shall include the following:
38

- 39 a. Give advice, whenever necessary or upon request, to Parcel 1 and Parcel
40 2 management boards to ensure cooperation, coordination and
41 complementation of protected area management planning and
42 implementation in the two (2) sites;
43 b. Coordinate the activities of the two management boards and Protected
44 Area Superintendent Offices and ensure harmony of site-based policies
45 and regulations; and,
46 c. Evaluate, settle, mediate, and recommend resolutions to any conflicts,
47 dispute, misunderstandings and disagreements related to the management
48 of the two parcels of SBNP.
49

50
51 **Section 8. *The Executive Committee.*** – There shall be an Executive
52 Committee (Execom) within the PAMB to whom the PAMB may delegate some of its
53 powers and functions. It shall composed of:
54

1 **For Parcel 1:**

- 2 a. SBMA Chairman and Administrator, as chairperson
3 b. SBMA Chief Operating Officer
4 c. Two (2) representatives from the SBMA Management Board
5 d. One (1) IP/ICC representative elected from themselves
6 e. One (1) representative from NGOs operating within the SBNP,
7 elected among themselves
8 f. One (1) representative from POs operating within the SBNP, elected
9 from themselves.

10
11 **For Parcel 2:**

- 12 a. The RED of the DENR Region III as chairperson
13 b. The Provincial Environment and Natural Resources Officer (PENRO)
14 of Bataan
15 c. The Provincial Environment and Natural Resources Officer (PENRO)
16 of Zambales
17 d. One (1) from among the mayors of the municipalities of Hermosa,
18 Orani, Samal, Abucay, Bagac and Morong, elected among themselves
19 e. One (1) from among the chairpersons of the associations of barangay
20 captains of the municipalities of Hermosa, Orani, Samal, Abucay,
21 Bagac and Morong
22 f. One (1) representative from the sangguniang kabataan to be chosen
23 from among the chairpersons of each of the municipalities within the
24 BNP
25 g. One (1) from among the NGO representatives, elected among
26 themselves
27 h. One (1) from among the PO representatives, elected among
28 themselves
29 i. One (1) from among the ICC/IP representatives, elected among
30 themselves

31
32 The Execom may meet on a more regular basis to discuss day-to-day affairs
33 and other matters delegated by the PAMB.
34
35

36 **Section 9. Powers and Functions of the PAMB.** – In addition to the powers
37 enumerated in the NIPAS Act, the PAMB shall decide by a majority vote and shall
38 have the following powers and functions:
39

- 40 (a) Issue rules and regulations in accordance with the management plan to
41 prohibit and regulate acts that may be prejudicial to the SBNP and its buffer
42 zones pursuant to the policy declarations herein set forth;
43 (b) Issue land and resource permits and all the necessary permits within the
44 SBNP and its buffer zones in accordance with the management plan and
45 consistent with the nature of SBNP as a natural park. This authority may be
46 delegated by the PAMB to the PASu upon prior determination of the
47 conditions and qualifications necessary for the issuance therefore;
48 (c) Establish criteria and set fees for the issuance of permits for the activities
49 regulated by this Act or the management plan. The PAMB shall only issue
50 permits taking into consideration ecological and sustainability factors.
51 (d) Adopt rules of procedure for the conduct of business, including the creation
52 of committees to which the PAMB's powers may be delegated;
53 (e) Supervise the office of the PASu;

- 1 (f) Deputize, through the PASu, individuals for the enforcement of the laws,
2 rules and regulation governing conduct within the SBNP and its buffer zones,
3 and prescribe the necessary qualifications therefore;
4 (g) To own and dispose property;
5 (h) Accept donations, approve proposals for funding, budget allocations and
6 exercise accountability over all funds that may accrue to the SBNP;
7 (i) Coordinate with the appropriate agencies of the government; and
8 (j) To sue and retain legal counsel to defend cases against the PAMB and the
9 Office of the PASu whenever they are sued in connection with the
10 performance of their duties under this Act.
11 (k) To impose administrative sanctions against any person found guilty of
12 violating any provision of this Act: and;
13 (l) Confiscate any species, item or property extracted or taken illegally from the
14 protected area.
15

16 The DENR shall ensure that the PAMB acts within the scope of its powers
17 and functions. In case of conflict between administrative orders issued by the DENR
18 pursuant to the NIPAS Act and the resolutions issued by the PAMB, the DENR
19 Secretary shall decide whether to apply the rule or withdraw its application within
20 the SBNP.
21
22

23 **Section 10. Terms of Office.** – Except for SBMA-PAMB, each PAMB member
24 shall serve for a term of five (5) years; *Provided*, That he / she remains connected
25 with the sector he / she is supposed to represent. *Provided, further*, That
26 representatives of the local government units shall only serve ex-officio. Whenever a
27 vacancy occurs during the term of a member who does not represent the
28 government, a new member shall be chosen in the same manner as the original
29 selection process: *Provided, finally*, That he / she shall serve only for the remaining
30 term.
31
32

33 **Section 11. Removal from Office** – A PAMB member may be removed, for
34 cause and upon majority vote, on the following ground:
35

- 36 (a) More than three (3) consecutive absences in regular PAMB en banc
37 meetings;
38 (b) Commission of any of the prohibited acts as provided herein, the
39 NIPAS Act or other laws and rules and regulations governing
40 protected areas and protected species;
41 (c) Graft and corruption;
42 (d) Conviction of any criminal offense;
43 (e) Acts inimical to the PAMB or the protected area as may be voted
44 upon by a majority of all the members of the PAMB.
45
46

47 **Section 12. The Office of the PASu.** – There shall be a separate Protected
48 Area Superintendents (PASu) for Parcel 1 and 2 who shall be appointed/designated
49 and report to their respective management board chairman, and shall directly be
50 responsible in the preparation, implementation of their respective PA management
51 plans through their administrative and regulatory functions. The PASu shall have full
52 responsibility for the protection of the land, water, wildlife and other resources
53 within the SBNP.
54

1 As such, he shall have the duties and responsibilities in addition to those
2 provided under the existing laws and regulations:

- 3 (a) Prepare the management plan and its successor plans as herein provided;
- 4 (b) Serve as Secretariat to the PAMB with the duty to provide the PAMB with all
5 the information necessary to make appropriate decisions for the
6 implementation of this Act;
- 7 (c) Hire and supervise the necessary personnel to support operations as the
8 budget may allow;
- 9 (d) Establish a productive partnership with local communities, including groups
10 supporting the achievement of the goals and objectives of this Act;
- 11 (e) Develop and implement park information, education and visitor programs;
- 12 (f) Enforce the laws, rules and regulations and PAMB resolutions relevant to the
13 protected area and its buffer zones and assist in the prosecution of offenses;
- 14 (g) Monitor all activities within the SBNP and its buffer zones in conformity with
15 management plan; and
- 16 (h) Perform such other functions as the PAMB may assign.

17
18
19
20 **ARTICLE III.**

21
22 **ADMINISTRATION, MANAGEMENT PLAN AND ZONING**

23
24
25 **Section 13. Management of the SBNP and its Buffer Zones.** – The
26 management and administration of the SBNP and its buffer zones shall be vested
27 with the PAMB, as herein provided. The management of zones to be established
28 within the SBNP shall be consultative and participatory.

29
30
31 **Section 14. Management Plan.** – Within one (1) year from the effectivity of
32 this act and in accordance with the general management planning strategy as
33 provided for in the NIPAS Act, there shall be a management plan to be prepared by
34 the office if the PASu in coordination with the local communities, ICCs/lps and
35 experts with socioeconomic, anthropological and ecological experience in the area.
36 It shall contain, among others:

- 37
- 38 a. A period of applicability for twenty-five (25) years subject to periodic review
39 every three (3) years;
- 40 b. Goals and objectives of management in support of Section 2 hereof;
- 41 c. Key management issues such as, but not limited to, issuance of tenurial
42 instruments; issuance, screening and approval of development and land-use
43 activities within the SBNP and its buffer zones; and adequate protection and
44 restoration of endangered species and fragile ecosystems;
- 45 d. Site management strategy including, but not limited to, establishment of clear
46 and simplified guidelines on activities, consistent with the NIPAS Act and
47 this Act, that shall be allowed within the zones;
- 48 e. Major management activities such as, but not limited to, enforcement of
49 laws, habitats and wildlife management, sustainable use management,
50 infrastructure development and maintenance, fire prevention and pest and
51 disease control;
- 52 f. Zoning
- 53 g. Mechanisms for the protection of the occupants therein in the exercise of
54 their rights;

- 1 h. Regulations on the sustainable, ecologically sound use of non-protected
- 2 species of flora and fauna and their habitats; harvesting, hunting and trapping
- 3 with respect to the protection of fragile habitats, wild animal breeding
- 4 seasons, roosting and feeding sites; and
- 5 i. Sustainable livelihood activities.

6
7 The management plan shall be consistent with the nature of the SBNP as a
8 protected area under the category of a natural park. It shall be reviewed and
9 approved by the PAMB and certified to by the DENR Secretary that it conforms to
10 all laws and rules and regulations issued by the DENR. The management plan shall
11 not be revised or modified except by prior consultation with the PAMB and in
12 accordance with the procedure herein set forth.

13
14 Before the expiration of the initial management plan, there shall be a
15 successor plan to be prepared by the office of the PASu in the same manner as the
16 procedure and principles herein set forth and in accordance with the general
17 management planning strategy as provided in the NIPAS Act. A year before the
18 expiration of the management plan, the PASu shall cause the publication of notices
19 for comments and suggestions on the successor plan in a newspaper of local
20 circulation and the posting of such notices in the provincial, municipal and
21 barangay halls and in three (3) other conspicuous areas frequented by the public.
22 The successor plan to the management plan shall be made available for public
23 perusal at the office of the PASu and the DENR provincial office.

24
25
26 **Section 15. Integration of the Management Plan into Local Government**
27 **Development Plans.** – Local government units (LGUs) shall participate in the
28 management of the SBNP and its buffer zones through their representation in the
29 PAMB. To ensure that the future development plans takes place in accordance with
30 this Act, the provisions herein shall be incorporated into the barangay, municipal
31 and provincial development plans as part of the environmental concerns. LGUs
32 shall likewise ensure that their ordinances pertaining to the environment are
33 consistent with this Act and the management plan, as herein provided.

34
35
36 **Section 16. Zoning** – Zones shall be established within the SBNP and its
37 buffer zones giving primary consideration to the preservation and conservation of all
38 life forms while according respect to the traditional areas used and recognized by
39 ICCs/IPs. Zoning shall also take into account the tenurial and livelihood concerns of
40 other communities and must ensure the efficient protection of habitats, fragile
41 ecosystems and unique areas.

42
43 All primary (old growth) forests within the SBNP, including portions which
44 have been previously declared as alienable and disposable, shall be classified as
45 strict protection zones and shall be free from all forms of logging or exploitation,
46 whether commercial or otherwise. Strict protection zones shall also be established
47 where necessary for the preservation of the biodiversity including, but not limited
48 to, the survival of rare and endangered species.

49
50 Multiple-use zones shall be validated on the ground, demarcated on maps,
51 and in the field with the assistance of communities and agencies concerned.

52
53
54 **ARTICLE IV.**

1
2 **ANCESTRAL LAND AND DOMAINS TENURED MIGRANTS**
3
4

5 **Section 17. Ancestral Lands and Domains.** – The rights of ICCs/Ips in the
6 SBNP on their lands and domains shall be fully recognized in accordance with law
7 and in consonance with the management plan.
8

9 The provisions of this Act shall be construed liberally in favor of the ICCs/Ips
10 in accordance with the preservation and conservation objectives of the SBNP and its
11 resources. Nothing herein shall be construed to impair or diminish prior and
12 existing laws.
13

14
15 **Section 18. Tenured Migrants.** – Whenever practicable, the tenured migrants
16 shall be provided tenurial rights over their current habitation sites. However, if
17 despite the foregoing, these areas are subsequently identified as crucial for
18 conservation, tenured migrants shall, after due consultations, be offered alternative
19 sites within the appropriate zones of buffer zones with preference over non-tenured
20 migrants: *Provided*, That provisions for their transfer shall be undertaken using
21 humanitarian considerations including payment of compensation, providing tenure
22 to alternative land and facilities of equivalent standard, and other measures to reach
23 agreement with the affected tenured migrants.
24

25 Land used as homelots or farm lots shall be preferably be held by individual
26 household. Land currently used on a communal basis shall not be held individually
27 unless agreed upon by the community members.
28

29 Tenurial instruments shall be supported by indisputable evidence of
30 permanent land-use from five (5) years before such as:
31

- 32 (a) Cultivated trees as their fruit-bearing stage;
33 (b) Physical structures in the area indicating prolonged occupancy;
34 (c) Certification from the barangay captain or any two (2) respected members of
35 the nearest community attesting to occupancy; and
36 (d) Other relevant data (e.g. previous census reports) that may be accepted by
37 the PAMB.
38

39 Existing land title instruments shall be reviewed by the PASu and endorsed
40 by the PAMB regional office for validation or reversion.
41
42

43 **Section 19. Contracts Involving Lands within the SBNP and its Buffer**
44 **Zones.** – Lease of lands within the SBNP to any person not otherwise qualified to
45 hold lands may only take place in the multiple-use zones, recreation and special
46 zones: *Provided*, That the use thereof is consistent with Section 2 of the Act and in
47 accordance with the management plan.
48

49 **ARTICLE V.**

50 **UTILIZATION OF RESOURCES AND FACILITIES**

51

1
2
3 **Section 22. Prohibited Acts.** – The following acts shall be prohibitions and
4 penalties applicable within the SBNP and its buffer zones, in addition to the
5 prohibited acts enumerated in the NIPAS Act and its pertinent rules and regulations:
6

- 7 (1) Hunting, collecting, catching, wounding, killing, destroying or possessing
8 anywhere within the SBNP or its buffer zones any protected species of plant
9 and animal or their by-products or derivatives without prior PAMB approval;
10
11 (2) Hunting, collecting, catching, capture, wounding, killing, destroying or
12 possessing anywhere within the SBNP or its buffer zones any protected
13 species of plant and animal or their by-products or derivatives the trade of
14 which is regulated by the PAMB, without prior PAMB approval;
15
16 (3) Bio-prospecting without obtaining prior PAMB approval and the prior and
17 informed consent of ICCs/lps in accordance with existing guidelines;
18
19 (4) Transporting within or outside the SBNP or its buffer zones any protected
20 species of plant or animal or their by-products or derivatives from the SBNP
21 and its buffer zones without the necessary transport permit from the PAMB;
22
23 (5) The deliberate disturbance of the protected species or the habitats,
24 reproductive cycle, roosting and feeding grounds, and migratory paths;
25
26 (6) Cutting, gathering, collecting or removal of timber and other forest products
27 without prior PAMB permit; *Provided*, That any permit issued shall be valid
28 for only one year at a time and given only to (i) tenured migrants within
29 sustainable, monitored and controlled quotas, and (ii) for scientific purposes
30 necessary for protected area management in accordance with existing
31 guideline;
32
33 (7) Establishment or introduction of exotic species within the SBNP with
34 allelopathic effect or those detrimental to endemic species; or without prior
35 PAMB approval;
36
37 (8) Exploration, exploitation or extraction, drilling or prospecting for minerals or
38 resources, or engages in quarrying within the SBNP or its buffer zones;
39
40 (9) Destroying, excavating, vandalizing or in any manner damaging any natural
41 formation on land or sea, burial or religious/spiritual sites, artifacts, objects
42 belonging to ICCs/lps or other projects of natural or scenic value;
43
44 (10) Possession or use of blasting caps, explosives or cyanides anywhere within
45 the SBNP or its buffer zones;
46
47 (11) Possession or use of chainsaws and band saws without a prior permit from
48 the PAMB; *Provided*, That permits may only be issued for multiple-use and
49 buffer zones;
50
51 (12) Use of motorized equipment anywhere in the SBNP without a prior permit
52 from the PAMB;
53

1 (13) Construction or maintains any kind of road, edifice, facility or any
2 infrastructure project within the SBNP without a prior permit form PAMB:
3 *Provided*, That no PAMB permit can be issued unless:

- 4
5 a) The PAMB has been fully informed of the project or undertaking
6 and its environmental consequences through consultative process;
7 b) All other legal requirements have been complied with; and
8 c) The project is consistent with the nature of the SNP as a protected
9 area natural park.

10
11 (14) Occupation of any portion of land inside the SBNP without a permit from
12 the PAMB. Clearing, construction of residence or any introduction of
13 improvements shall constitute prima facie evidence of occupation or
14 settlement;

15
16 (15) Alteration, removal, destruction of boundary marks or signs;

17
18 (16) Engaging in Kaingin or any manner causing a forest fore inside the SBNP or
19 its buffer zones;

20
21 (17) Fishing anywhere within the SBNP without prior permit from the PAMB;

22
23 (18) Fishing within the SBNP using spear and submerged underwater breathing
24 apparatus, trawling equipment or gillnets of more than one hundred meters
25 (100m) in total length or any other equipment prohibited under the Republic
26 Act no. 8550 or the Fisheries Code of 1998;

27
28 (19) Destruction or in any manner damaging the coral reefs except in cases of
29 emergency;

30
31 (20) Disposal or dumping into the SBNP or its buffer zones non-biodegradable,
32 toxic, hazardous materials and other prohibited substances; AND

33
34 (21) Violation of any rules and regulation provided in the management plan or
35 any resolution reached by the PAMB in its exercise of its adjudicative
36 functions.

37
38
39 **Section 23. Penalties –**

40 (a) For any violation of Section 21 hereof, a fine of not less than Twenty
41 Thousand pesos (P20,000) but not more than Five Hundred Thousand Pesos
42 (P500,000) and / or imprisonment of not less than one (1) year not more than
43 six (6) years shall be imposed.

44
45 (b) Any provisions contrary notwithstanding the commission of any unlawful act
46 as provided by the Section 22 (a) herein shall carry the penalty of
47 imprisonment of six (6) years and one (1) day to twelve (12) years, and a
48 minimum fine of One Million Pesos (P1,000,000) in case the species
49 involved is listed under CITES Appendix II, and Five Hundred thousand
50 pesos (P500,000) for all the threatened species in addition to accessory
51 penalties provided in the immediately succeeding paragraph.

52
53 (c) Commission of any foregoing acts shall likewise carry the accessory penalties
54 of eviction from the SBNP or its buffer zones, payment of damages to

1 rehabilitation and restoration, and the forfeiture of all equipment, devised,
2 weapons or any other instrument or tool used in the commission of the
3 offense. Any resource found in the possession of the offender shall also be
4 forfeited. Pending the outcome of the case, any resource confiscated shall be
5 immediately be turned over to the PAMB for proper disposal and the
6 proceeds thereof deposited in trust funds. However, in no case shall any
7 confiscated or rescued protected animal species be sold or in any manner be
8 disposed of but shall be immediately turned over to PASu office for release
9 in its natural habitat. Valuation of the damage to the SBNP and its buffer
10 zones shall take into account biodiversity and conservation considerations as
11 well as aesthetic, socioeconomic values, and rehabilitation and restoration
12 costs. Failure to comply with the provision shall constitute an offense under
13 this subsection.
14

15 (d) A fine of not less than One hundred thousand pesos (P100,000) but not more
16 than Five hundred thousand pesos (P500,000) and / or imprisonment of not
17 less than one (1) year but not more than (6) years shall be imposed upon
18 any public officer or officer of the law who shall unjustifiably refuse or
19 refrain from instituting prosecution or shall tolerate the commission of the
20 above-mentioned offenses. Conviction of this offense shall carry accessory
21 penalty of perpetual disqualification from public office.
22

23 (e) A fine of not less than Five Hundred Pesos (P500) but not more than One
24 Thousand Pesos (P1,000) or community service from one (1) day to one (1)
25 week, or both, shall be imposed on anyone who enters into the strict
26 protection zone of the SBNP without the prior PAMB permit.

27 **Section 24. Special Prosecutor.** – Within thirty (30) days from the effectivity
28 of this Act, the Department of Justice (DOJ) shall designate a special prosecutor to
29 whom all cases of violation of protected area laws, rule and regulations within the
30 SBNP and its buffer zones shall be assigned. The special prosecutor shall coordinate
31 with the PAMB and the PASu in the performance of his/her duties and assist in the
32 training of the wardens and rangers in arrest and criminal procedures.
33

34 The PAMB may appoint a private prosecutor on case-to-case basis to assist
35 the public prosecutors in the enforcement of protected area laws.
36

37 38 **ARTICLE VII.**

39 40 **PROCEEDS, FEES AND APPROPRIATIONS**

41
42
43 **SEC. 25 Integrated Protected Areas Fund (IPAF).** – There is hereby
44 established an additional and separate trust fund to be known as the Integrated
45 Protected Areas Fund (IPAF) for purposes of financing, protection, conservation and
46 developmental projects within Parcel 1 and 2 of SBNP. The fund may be augmented
47 by solicitations, donations, endorsement and grants from various sources and such
48 endowments shall be exempt from all other charges, fees or taxes being required /
49 imposed by any government entity or instrumentality.
50

51 All revenues and income generated from the operation of and management
52 of the flora, fauna and ecological destination/eco-tourism area, shall accrue to the
53 SIPAF and may be utilized for the protected area by the PAMB.
54

1 Revenues and income referred to above shall be derived from the following
2 activities / sources:

- 3
- 4 (a) Fees and charges for the issuance of permits for the collection / extraction,
5 sale and export of flora, fauna and other resources from the protected area.
6 Permits for such activities in Parcel 1 shall be issued by the SBMA through
7 the Ecology Center, whose Protected Area Division will function as Protected
8 Area Superintendent's (PASu) Office;
- 9 (b) Proceeds from the lease, rental, or issuance of permits for the use of multiple
10 use areas, special use areas, and sustainable-use and management utilization
11 zones;
- 12 (c) Contributions, donations, royalties, and/or resource user fees from the
13 industries and facilities directly benefiting from the protected area; and
- 14 (d) Other fees and income derived from the operation and administration of the
15 protected area in the form of donations, grants endowment funds, etc.
- 16

17 Disbursements from the SIPAF Fund shall be made solely for the protection,
18 conservation, maintenance, administration and management of Parcel 1 of the
19 SBNP in accordance with the Annual protected work plan and program of projects
20 and activities duly approved by the SBNP Parcel 1 Protected Area Management
21 Board (PAMB) or the SBMA Board. Otherwise, IPAF guidelines for NIPAS areas will
22 be followed in the absence of approved work plans and programs for disbursement.

23

24

25 **Section 26. Appropriations.** – The Secretary of the DENR shall include in its
26 program the implementation of this Act, the funding of which shall be charged
27 against the IPAF constituted under this Act.

28

30 ARTICLE VIII.

32 TRANSITORY AND MISCELLANEOUS PROVISIONS

33

34

35 **Section 27. Construction.** – The provisions of this Act shall be construed
36 liberally in favor of tenured migrants and ICCs / IPs and in consideration of the
37 protection and conservation of biodiversity. The NIPAS Act shall have suppletory
38 effect in the implementation of this Act.

39

40

41 **Section 28. Transitory Provisions.** – In order to ensure the sustainability and
42 recovery of biodiversity and to develop sustainable livelihood opportunities for
43 tenured migrants, the DENR shall henceforth cease to issue concessions, licenses,
44 permits, clearances, compliance documents or any other instrument that allows
45 exploitations of resources within the SBNP until the management plan shall have
46 been put into effect.

47

48 Pending the organization of anew PAMB in accordance with this Act, the
49 incumbent PAMB member shall continue to hold office until a new PAMB has been
50 convened.

51

52

53 **Section 29. Implementing Rules and Regulations.** – Within ninety (90) days
54 after the effectivity of this Act, the Department of Environment and Natural

1 Resources shall, in consultation with the concerned PAMBS, government agencies
2 and non-government organization, promulgate the necessary rules and regulations
3 to effectively implement the provisions of this Act.
4
5

6 **Section 30. Separability Clause.** – If any part, or section of this Act is
7 declared unconstitutional, the remainder hereof shall remain in full force and effect.
8
9

10 **Section 31. Repealing Clause.** – All laws, decrees, proclamation, rules and
11 regulations inconsistent with the provisions of this Act are hereby repealed or
12 modified accordingly.
13
14

15 **Section 32. Effectivity Clause.** – This Act shall take fifteen (15) days after its
16 complete publication in the Official Gazette or two (2) newspapers of national
17 circulation, whichever comes first.
18
19

20 *Approved,*