



# PHILIPPINE NOTICES TO MARINERS

Edition No.: 03 31 March 2019

Notices Nos.: 008 to 015

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- II Notices to Mariners
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Produced by the Hydrography Branch

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THE PHILIPPINE NOTICES TO MARINERS is the monthly publication produced by the Hydrography Branch of the National Mapping and Resource Information Authority (NAMRIA). It contains the recent charts correction data, updates to nautical publications, and other information that is vital for the safety of navigation on Philippine waters.

Copies in digital format may be obtained by sending a request through e-mail address: oss@namria.gov.ph or by downloading at the NAMRIA website: www.namria.gov.ph/download.php.

Masters of vessels and other concerned are requested to advance any report of dangers to navigation and other information affecting Philippine Charts and Coast Pilots which may come to their attention to the *Director, Hydrography Branch*. If such information warrants urgent attention like for instance the non-existence of aids to navigation or failure of light beacons or similar structure or discovery of new shoals, all concerned are requested to contact NAMRIA directly through the following portals:

Mail: NAMRIA-Hydrography Branch, 421 Barraca St., San Nicolas, 1010

Manila, Philippines

E-mail: maritime.affairs@namria.gov.ph

Fax: (+632) 242-2090

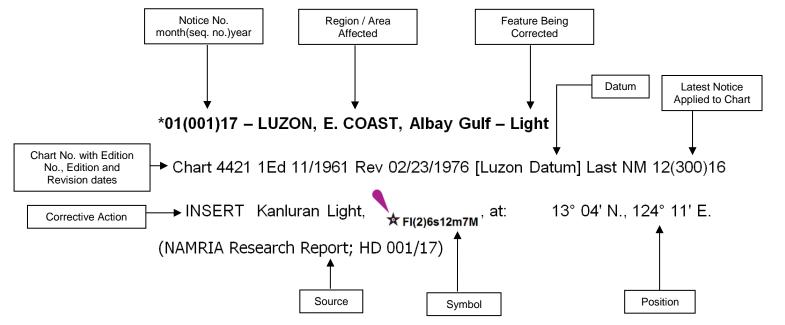
The Hydrographic Note form at the back cover page of this publication must be used in reporting information on dangers to navigation, lighted aids, and other features that should be included in the nautical charts.

### **Explanatory Notes**

1. The Philippine Notices to Mariners is divided to following sections:

**Section I. Index of Charts Affected** – Contains the list of all nautical charts which have been affected by Notices to Mariners and the notice numbers which have affected them.

**Section II-A. Notices to Mariners** - Contains corrections to nautical charts in sequential number with the indication of the month and year of its issuance. The illustration below describes the elements that comprise a typical notice:



Notice No. preceded by asterisk " \* " indicates that the information is based upon original Philippine source.

**Section II-B. Temporary & Preliminary Notices** – Contains Notices to Mariners that temporarily affects the nautical charts or have preliminary information that is subject to further verification. The capital "P" or "T" affixed in the number of any notice denotes "preliminary" or "temporary", respectively.

A list of Temporary and Preliminary Notices that are still in force, as well as those that are canceled, is published in this publication every month. The list may be read on page iv.

**Section III-A. Corrections to List of Lights** – Contains the corrections to the latest edition of the Philippine List of Lights. The entire entry for each light will be printed and the columns that contains updates will be denoted by an asterisk " \* ". All columns will be denoted by asterisks in the case of new lights.

This section is intended to be cut out and pasted on the section of the List of Lights that is being corrected.

All updates to lighted aids, including their operational status, will be published in this section. All directions and bearings are measured clockwise from true the North  $000^{\circ}$  to  $360^{\circ}$ . Bearing on lights is based on the observer from seaward toward the light. The visibility assigned to the lights never exceeds the calculated distance at which they can be seen from a height of 4.57 meters above the level of the water at high tide.

Changes in aids to navigation, their maintenance and correction of deficiencies in operation are under the operation of the Philippine Coast Guard. Report of defects and recommendations concerning aids to navigation should be forwarded to the Commandant of the Philippine Coast Guard.

**Section III-B. Coast Pilot Corrections** – Contains the corrections to the latest edition of the Philippine Coast Pilot book.

**Section IV. Navigational Warnings** – Contains the reprints of all previously issued navigational warnings that are still in effect as of the publication date of this edition of the Philippine Notices to Mariners.

**Section V. Publication Notices** – Contains the latest updates on the nautical charts, electronic navigational charts, and other nautical publications of NAMRIA.

- NAMRIA issues Notices to Mariners and Navigational Warnings sourced from private entities, foreign publications, national government agencies, and local government units. Such information is published for the sake of safety of navigation on Philippine waters and does not imply recognition of the legal validity of the information issued by the abovementioned sources.
- 3. While every effort is made to ensure the accuracy of NAMRIA nautical charts and publications, users should bear in mind that it may not be complete or up-to-date, especially in areas where there are extensive developments. Mariners are advised to exercise prudence and to also refer to all navigational equipment aboard ship and use a lookout during navigation.
- 4. Masters of vessels are warned that great care should be exercised in navigating Philippine waters because of the low visibility and occasional failure of some navigational lights. Buoys and beacons are sometimes lost or destroyed specially after typhoons. Temporary deficiencies in the standard aids to navigation published in this office may have been corrected before subsequent notice is issued.
- 5. Positions obtained from satellite navigation systems, such as GPS, are normally referred to the WGS-84 Datum. Such position may only be plotted on NAMRIA nautical charts that are also referred to the WGS-84 Datum. Mariners should take note that due to the age and quality of some of information, such satellite-derived positions may be more accurate than charted details.

### **List of Temporary and Preliminary Notices**

(in force as of 31 March 2019)

11(063)P/18 – LUZON, W. COAST, Subic Bay – Wreck 10(055)P/18 – LUZON, W. COAST, Manila Harbor – Wreck 06(033)P/18 – LUZON, W. COAST, San Fernando Harbor – Buoy 01(004)P/18 – SULU ARCHIPELAGO – Recommended Route 07(040)P/17 – MINDANAO, W. COAST, Moro Gulf – Recommended Route 02(014)P/17 – MINDANAO, N. COAST, Butuan Bay – Submarine Pipeline

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Chart No.	Notices Nos.	Chart No.	Notices Nos.
1531	03(011)19	4604	03(013)19
			03(015)19
1535	03(015)19		
		4706	03(008)19
1536	03(013)19		03(009)19
			03(010)19
1538	03(009)19		03(012)19
1548	03(008)19	4707	03(011)19
	03(009)19		
		4708	03(008)19
1549	03(008)19		03(009)19
			03(013)19
4226	03(010)19		03(015)19
4236	03(014)19	4714	03(010)19
4277	03(010)19	4718	03(008)19
			03(009)19
4405	03(012)19		03(012)19
4429	03(009)19	4719	03(009)19
			03(012)19
4447	03(009)19		03(013)19
4546	03(011)19	4722	03(011)19

#### \*03(008)19 - VISAYAS ISLANDS, Tañon Strait - Submarine Cable

Chart 1548 1Ed 05/17/2017 [WGS-84 Datum] Last NM 10(054)18

```
10° 34.07′ N., 123° 28.85′ E.
                            10° 34.07' N., 123° 29.08' E.
                            10° 34.26' N., 123° 29.74' E.
                            10° 34.16′ N., 123° 30.67′ E.
                            10° 25.35′ N., 123° 38.84′ E.
                            10° 24.76′ N., 123° 39.94′ E.
Chart 1549 1Ed 03/26/2018 [WGS-84 Datum] Last NM 11(057)18
```

young: 10° 34.16′ N., 123° 28.43′ E. 10° 34.07' N., 123° 28.85' E. 10° 34.07′ N., 123° 29.08′ E. 10° 34.26′ N., 123° 29.74′ E. 10° 34.16′ N., 123° 30.67′ E. 10° 25.35′ N., 123° 38.84′ E.

10° 24.76′ N., 123° 39.94′ E.

Chart 4706 2Ed 12/2010 [WGS-84 Datum] Last NM 02(005)19

yoining: 10° 34.2′ N., 123° 28.4′ E. Insert 10° 34.1′ N., 123° 28.9′ E. 10° 34.1′ N., 123° 29.1′ E. 10° 34.3′ N., 123° 29.7′ E. 10° 34.2' N., 123° 30.7' E. 10° 25.4' N., 123° 38.8' E. 10° 24.8' N., 123° 39.9' E.

Chart 4708 2Ed 11/2010 [WGS-84 Datum] Last NM 02(004)19

young: 10° 34.2′ N., 123° 28.4′ E. 10° 34.1′ N., 123° 28.9′ E. 10° 34.1′ N., 123° 29.1′ E. 10° 34.3′ N., 123° 29.7′ E. 10° 34.2′ N., 123° 30.7′ E. 10° 25.4′ N., 123° 38.8′ E. 10° 24.8′ N., 123° 39.9′ E.

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Chart 4718 1Ed 10/16/1971 Rev 11/24/1975 [Luzon Datum] Last NM 02(004)19 joining: 10° 34.2′ N., 123° 28.3′ E. Insert 10° 34.1′ N., 123° 28.8′ E. 10° 34.1′ N., 123° 29.0′ E. 10° 34.3′ N., 123° 29.7′ E. 10° 34.2′ N., 123° 30.6′ E. 10° 25.4' N., 123° 38.8' E. 10° 24.8' N., 123° 39.9' E. (PLDT; HD 058/19) \*03(009)19 - VISAYAS ISLANDS, Cebu Strait - Submarine Cable Chart 1538 1Ed 02/02/2012 Rev 07/31/2012 [WGS-84 Datum] Last NM 02(007)19 joining: 10° 15.48′ N., 123° 58.88′ E. 10° 14.94′ N., 123° 59.06′ E. 10° 14.53′ N., 123° 59.07′ E. 10° 09.37' N., 123° 55.21' E. Chart 1548 1Ed 05/17/2017 [WGS-84 Datum] Last NM 03(008)19 joining: 10° 15.48′ N., 123° 58.88′ E. Insert 10° 14.94' N., 123° 59.06' E. 10° 14.53' N., 123° 59.07' E. 10° 04.08' N., 123° 51.36' E. 10° 03.37' N., 123° 49.89' E. 09° 58.55′ N., 123° 47.54′ E. 09° 55.07′ N., 123° 47.42′ E. 09° 53.38' N., 123° 48.20' E. 09° 52.95′ N., 123° 48.13′ E. 09° 52.16′ N., 123° 47.27′ E. 09° 51.91' N., 123° 47.20' E. 09° 51.84′ N., 123° 47.22′ E. 09° 51.77′ N., 123° 47.34′ E.

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Continued from Page 3.

Chart 4429 1Ed 24/07/1961 Rev 13/07/1987 [Luzon Datum] Last NM 06(028)18

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joining: 10° 15.55′ N., 123° 58.80′ E.
Insert
                                    10° 15.00' N., 123° 58.97' E.
                                    10° 14.59' N., 123° 58.98' E.
                                    10° 04.16' N., 123° 51.27' E.
                                    10° 03.45' N., 123° 49.81' E.
                                   09° 58.63′ N., 123° 47.46′ E.
                                   09° 55.15′ N., 123° 47.34′ E.
                                   09° 53.46′ N., 123° 48.11′ E.
                                   09° 53.03′ N., 123° 48.05′ E.
                                   09° 52.23′ N., 123° 47.19′ E.
                                   09° 51.99′ N., 123° 47.12′ E.
                                   09° 51.91' N., 123° 47.14' E.
                                   09° 51.85′ N., 123° 47.26′ E.
Chart 4447 3Ed 12/15/2010 [WGS-84 Datum] Last NM 12(070)17
                           joining: 10° 15.48' N., 123° 58.88' E.
Insert
                                    10° 14.94' N., 123° 59.06' E.
                                    10° 14.53' N., 123° 59.07' E.
                                    10° 12.30' N., 123° 57.44' E.
Chart 4706 2Ed 12/2010 [WGS-84 Datum] Last NM 03(008)19
                           joining: 10° 15.5′ N., 123° 58.9′ E.
Insert
                                    10° 14.9′ N., 123° 59.1′ E.
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10° 14.5' N., 123° 59.1' E. 10° 09.4' N., 123° 55.2' E.

Continued from Page 4.

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Chart 4708 2Ed 11/2010 [WGS-84 Datum] Last NM 03(008)19
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```
Joining: 10° 15.5' N., 123° 58.9' E.

10° 14.9' N., 123° 59.1' E.

10° 04.1' N., 123° 51.4' E.

10° 03.4' N., 123° 49.9' E.

09° 58.6' N., 123° 47.5' E.

09° 55.1' N., 123° 47.4' E.

09° 53.4' N., 123° 48.2' E.

09° 52.2' N., 123° 47.3' E.

09° 51.9' N., 123° 47.2' E.

09° 51.8' N., 123° 47.2' E.

09° 51.8' N., 123° 47.3' E.
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#### Chart 4718 1Ed 10/16/1971 Rev 11/24/1975 [Luzon Datum] Last NM 03(008)19

```
Joining: 10° 15.6' N., 123° 58.8' E.

10° 15.0' N., 123° 59.0' E.

10° 14.6' N., 123° 59.0' E.

10° 04.2' N., 123° 51.3' E.

10° 03.4' N., 123° 49.8' E.

09° 58.6' N., 123° 47.5' E.

09° 55.1' N., 123° 47.3' E.

09° 53.5' N., 123° 48.1' E.

09° 52.2' N., 123° 47.2' E.

09° 52.0' N., 123° 47.1' E.

09° 51.9' N., 123° 47.1' E.

09° 51.8' N., 123° 47.3' E.
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Chart 4719 1Ed 07/24/1961 Rev 02/12/1985 [Luzon Datum] Last NM 01(002)19

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joining: 10° 15.6' N., 123° 58.8' E.

10° 15.0' N., 123° 59.0' E.

10° 14.6' N., 123° 59.0' E.

10° 04.2' N., 123° 51.3' E.

(PLDT; HD 066/19)
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\*03(010)19 - LUZON, E. COAST, Mauban Anchorage - Light

Chart 4226 1Ed 08/14/1961 Rev 01/22/1979 [Luzon Datum] Last NM 10(052)18

AMEND characteristics of Mauban Light from: FI.5s10M to: FI.R.5s10M

at: 14° 12.37' N., 121° 45.12' E.

Chart 4277 1Ed 10/21/1957 Rev 05/29/1978 [Luzon Datum] Last NM 10(052)18

AMEND characteristics of Mauban Light from: Fl.5s10M to: Fl.R.5s10M

at: 14° 12' 22"N., 121° 45' 07"E.

Chart 4706 2Ed 12/2010 [WGS-84 Datum] Last NM 03(009)19

AMEND characteristics of Mauban Light from: Fl.5s10M to: Fl.R.5s10M

at: 14° 12.3' N., 121° 45.2' E.

Chart 4714 1Ed 09/14/1959 Rev 03/31/1986 [Luzon Datum] Last NM 01(001)19

AMEND characteristics of Mauban Light from: Fl.5s10M to: Fl.R.5s10M

at: 14° 12.4' N., 121° 45.1' E.

(PCG NM No. 053 of 2019; HD 070/19)

\*03(011)19 - TAWI-TAWI, S. COAST, Batu Batu Bay - Light

Chart 1531 1Ed 10/31/2018 [WGS-84 Datum]

AMEND characteristics of Batobato Light from: Fl.G.5s4m1M to: Fl.5s4m1M at: 05° 04.12' N., 119° 53.15' E.

Chart 4546 1Ed 09/20/1965 Rev 05/16/1977 [Luzon Datum] Last NM 03(044)14

AMEND characteristics of Batobato Light from: Fl.G.5s4m1M to: Fl.5s4m1M at: 05° 04' 12.0"N., 119° 53' 06.0"E.

Chart 4707 2Ed 11/2010 [WGS-84 Datum] Last NM 10(053)18

AMEND characteristics of Batobato Light from: Fl.G.5s4m1M to: Fl.5s4m1M at: 05° 04.1' N., 119° 53.2' E.

Chart 4722 1Ed 10/02/1961 Rev 02/14/1977 [Luzon Datum] Last NM 08(053)17

AMEND characteristics of Batobato Light from: Fl.G.5s4m1M to: Fl.5s4m1M at: 05° 04.2' N., 119° 53.1' E.

(PCG NM No. 057 of 2019; HD 053/19)

\*03(012)19 - CEBU, N. COAST, Chocolate Is. - Light

Chart 4405 3Ed 09/04/1990 [Luzon Datum] Last NM 09(045)18

AMEND characteristics of Chocolate Island Light from: FI.R.3s52m18M to: FI.5s52m18M at: 11° 18.42′ N., 124° 03.67′ E.

Chart 4706 2Ed 12/2010 [WGS-84 Datum] Last NM 03(010)19

AMEND characteristics of Chocolate Island Light from: FI.R.3s52m18M to: FI.5s52m18M at: 11° 18.3' N., 124° 03.8' E.

Chart 4718 1Ed 10/16/1971 Rev 11/24/1975 [Luzon Datum] Last NM 03(009)19

AMEND characteristics of Chocolate Island Light from: FI.R.3s52m18M to: FI.5s52m18M at: 11° 18.4' N., 124° 03.7' E.

Chart 4719 1Ed 07/24/1961 Rev 02/12/1985 [Luzon Datum] Last NM 03(009)19

AMEND characteristics of Chocolate Island Light from: FI.R.3s52m18M to: FI.5s52m18M at: 11° 18.4' N., 124° 03.7' E.

(PCG NM No. 056 of 2019; HD 052/19)

\*03(013)19 - MINDANAO, N. COAST, Macajalar Bay - Light

Chart 1536 1Ed 03/26/2018 [WGS-84 Datum] Last NM 12(066)18

AMEND characteristics of Sulauan Point Light from: Fl.10s to: Fl.2s

at: 08° 37.14' N., 124° 28.75' E.

Chart 4604 1Ed 04/30/1956 Rev 01/07/1985 [Luzon Datum] Last NM 02(003)19

AMEND characteristics of Sulauan Point Light from: Fl.10s to: Fl.2s

at: 08° 37.22′ N., 124° 28.67′ E.

Chart 4708 2Ed 11/2010 [WGS-84 Datum] Last NM 03(009)19

AMEND characteristics of Sulauan Point Light from: Fl.10s to: Fl.2s

at: 08° 37.1' N., 124° 28.8' E.

Chart 4719 1Ed 07/24/1961 Rev 02/12/1985 [Luzon Datum] Last NM 03(012)19

AMEND characteristics of Sulauan Point Light from: Fl.10s to: Fl.2s

at: 08° 37.2' N., 124° 28.7' E.

(PCG NM No. 058 of 2019; HD 055/19)

03(014)19 - LUZON, W. COAST, Manila Bay, Manila Harbor - Rock

Chart 4236 4Ed 04/26/2018 [WGS-84 Datum] Last NM 02(006)19

Move

(4<sub>8</sub>)

from: 14° 33' 36.8"N., 120° 59' 02.5"E. to: 14° 33' 39.9"N., 120° 58' 57.9"E.

(US Survey Report; HD 284/18)

\*03(015)18 - MINDANAO, N. COAST, Iligan Bay - Light

Chart 1535 1Ed 02/02/2012 [WGS-84 Datum] Last NM 09(047)18

Amend characteristics of Sinonoc Light from: Fl.4s to: Fl.1s

at: 08° 17.44' N., 123° 52.27' E.

Chart 4604 1 Ed 04/30/1956 Rev 01/07/1985 [Luzon Datum] Last NM 03(013)19

Amend characteristics of Sinonoc Light from: Fl.4s to: Fl.1s

at: 08° 17.52' N., 123° 52.19' E.

Chart 4708 2Ed 11/2010 [WGS-84 Datum] Last NM 03(013)19

Amend characteristics of Sinonoc Light from: Fl.4s to: Fl.1s

to: 08° 17.4' N., 123° 52.3' E.

(PCG NM No. 066 of 2019; HD 063/19)

III
LIST OF LIGHTS CORRECTIONS

	MBER (1)	NAME (2)	POSITION (3)	CHARACTERISTICS (4)	Elev(m) <i>(5)</i>	Range(NM) <i>(6)</i>	STRUCTURE (7)	REMARKS (8)
REGION II – (			.,	.,		.,		.,
0000	F2823	YÁMI	21 07 04 N 121 56 51 E	FI W 5s	20	15	Concrete	Vis 200°- 310°(110°) In WGS-84 Datum TE 2019
REGION IV-A QUEZON	- CALABA	RZON						
0113	F2757	MAUBAN	14 12 17 N 121 45 12 E	FIR 5s		10	Concrete	In WGS-84 Datum
				*				*
REGION V – CAMARIN		ION						
0795	F2798.5	PATITINAN	13 33 30 N 123 32 21 E	FI W 5s				PA *
REGION VI – NEGROS	WESTERN OCCIDENTA							
0459	F2359	PULUPANDAN	10 31 15 N 122 47 40 E	FIR 5s			GRP	In WGS-84 Datum <b>TE 2019</b> *
REGION VII - CEBU	- CENTRAL	VISAYAS						
0239	F2410	CHOCOLATE ISLAND	11 18 21 N 124 03 45 E	FI W 5s	52	18	White concrete tower, 10	Vis 250°- 288°(38°) In WGS-84 Datum
			*	*				*
REGION X -	NORTHERN OCCIDENTA							
0501	F2275.5	SINONOC	08 17 26 N 123 52 16 E	FIW 1s				In WGS-84 Datum
				*				*
MISAMIS	ORIENTAL							
0619	F2267	SULAUAN POINT	08 37 09 N 124 28 45 E	FI W 2s			White steel and GRP, 10	In WGS-84 Datum
				*				
ARMM – AUT TAWI-TAV		REGION OF MUSLIM N	IINDANAO					
0421	F2191	ВАТОВАТО	05 04 07 N 119 53 09 E	FI W 5s	4	1	Water tank, wooden tripod	In WGS-84 Datum
			4	4				4

Note: Asterisk " \* " indicates new information in the column above it.

#### IV

### **NAVIGATIONAL WARNINGS**

Date: 23 March 2018

Reference: PCG NTM 062-2018 (HD 055/18)

#### MESSAGE

NAVPHIL 036/18 – LUZON, W. COAST, PASIG RIVER – CONSTRUCTION WORKS

DUMDUMA CONSTRUCTION AND TRADING CORP. IS CONSTRUCTING THE SAN JUAN RIVER VIADUCT FROM 05 MARCH 2018 TO 31 DECEMBER 2019 WITHIN THE VICINITY OF THE FOLLOWING COORDINATES:

14° 35' 26.63"N., 121° 00' 49.67"E. 14° 35' 23.39"N., 121° 00' 50.40"E. 14° 35' 23.15"N., 121° 00' 51.12"E.

ALL SHIPS/WATERCRAFTS TRANSITING THE ABOVE MENTIONED AREA ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

Date: 08 November 2018

Reference: PCG NTM 258-2018 (HD 288/18)

#### MESSAGE

NAVPHIL 173/18 - LUZON, W. COAST, PASIG RIVER - REHABILITATION

NAPINDAN HYDRAULIC CONTROL SYSTEM IS BEING REHABILITATED FROM 05 NOVEMBER 2018 TO 11 MARCH 2022 WITHIN THE VICINITY OF THE FOLLOWING COORDINATES:

14° 33' 28"N., 121° 04' 06"E. 14° 33' 26"N., 121° 04' 10"E.

ALL SHIPS/WATERCRAFTS TRANSITING THE VICINITY OF THE ABOVE MENTIONED AREA ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

Date: 26 February 2019

Reference: PCG NTM 034-2019 (HD 031/19)

#### **MESSAGE**

NAVPHIL 017/19 - LUZON, W. COAST, MANILA BAY - MARITIME ACTIVITY

ALAVAR MINING CORP., WILL CONDUCT MARINE SEDIMENT EXPLORATION STUDY IN OFFSHORE AREA OF CAVITE CITY, CAVITE FROM 15 JANUARY 2019 TO 15 APRIL 2019 WITHIN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

1: 14° 28' 00"N., 120° 46' 30"E. 2: 14° 28' 30"N., 120° 46' 30"E. 3: 14° 28' 30"N., 120° 47' 30"E. 14° 29' 30"N., 120° 47' 30"E. 4: 14° 29' 30"N., 120° 51' 30"E. 5: 14° 30' 00"N., 120° 51' 30"E. 6: 14° 30' 00"N., 120° 53' 00"E. 7: 14° 29' 00"N., 120° 53' 00"E. 8: 14° 29' 00"N., 120° 52' 30"E. 9: 10: 14° 28' 00"N., 120° 52' 30"E. 14° 28' 00"N., 120° 52' 00"E. 11: 14° 29' 00"N., 120° 52' 00"E. 12: 14° 29' 00"N., 120° 50' 30"E. 13: 14° 28' 30"N., 120° 50' 30"E. 14: 15: 14° 28' 30"N., 120° 48' 30"E. 14° 28' 00"N., 120° 48' 30"E. 16:

ALL SHIPS/WATERCRAFTS TRANSITING THE ABOVE MENTIONED AREA ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

Date: 26 February 2019

Reference: PCG NTM 031-2019 (HD 028/19)

#### MESSAGE

NAVPHIL 018/19 -LUZON, W. COAST, PASIG RIVER - MAINTENANCE

OLYMPIC ENGINEERING AND SALES CORP., WILL CONDUCT THE INSTALLATION OF REPLACEMENT FENDER PANEL AND PADS ON EXISTING LRT 1 ALONG THE VICINITY OF PASIG RIVER FROM FEBRUARY 2019 TO APRIL 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

FENDER A P641 14° 35' 48.5"N., 120° 58' 51.2"E. FENDER B P640 14° 35' 47.6"N., 120° 58' 51.1"E.

ALL SHIPS/WATERCRAFTS TRANSITING THE VICINITY OF THE ABOVE MENTIONED AREA ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

Date: 06 March 2019

Reference: Philippine News Agency (HD 050/19)

#### **MESSAGE**

NAVPHIL 022/19 - LUZON W. COAST, MANILA BAY- DREDGING

THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS IS CONDUCTING DREDGING WORKS AT APPROXIMATELY 1.5 KILOMETER STRETCH OF MANILA BAY FROM THE MANILA YACHT CLUB BREAKWATER TO THE UNITED STATES EMBASSY STARTING 05 MARCH 2019 TO 05 OCTOBER 2020 BOUNDED BY:

POINT 1	14° 33' 50.55" N, 120° 59' 05.12" E.
POINT 2	14° 33' 48.35" N, 120° 59' 00.78" E.
POINT 3	14° 34' 32.83" N, 120° 58' 37.64" E.
POINT 4	14° 34' 30.64" N, 120° 58' 46.12" E.

HEAVY EQUIPMENT COMPOSED OF AMPHIBIOUS EXCAVATORS, DUMPING SCOWS, DUMP TRUCKS, DEBRIS SEGREGATOR, STREET SWEEPERS AND VACUUM SEWER JET CLEANERS ARE DEPLOYED IN THE AREA AND STRATEGIC LOCATIONS.

ALL SHIPS/WATERCRAFTS TRANSITING THE ABOVE-MENTIONED AREA ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONARY MEASURES.

Date: 08 March 2019

Reference: PCG NTM 047-2019 (HD 045/19)

#### **MESSAGE**

NAVPHIL 025/19 - LUZON, W. COAST, LUZON SEA - NAVAL ACTIVITY

THE PHILIPPINE NAVY (PN), NAVAL FORCES SOUTHERN LUZON TOGETHER WITH USPACOM FORCES WILL CONDUCT ITS BILATERAL TRAINING EXERCISE CODENAME "BALIKATAN 2019" ON 01 TO 07 APRIL 2019 AT THE VICINITY SHORE OF BARANGAY SAN MIGUEL, BARANGAY SAN ANTONIO, ZAMBALES WITHIN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT A: 15° 18' 00"N., 119° 40' 00"E.
POINT B: 14° 58' 00"N., 119° 40' 00"E.
POINT C: 15° 18' 00"N., 120° 00' 00"E.
POINT D: 14° 58' 00"N., 120° 00' 00"E.

ALL SHIPS/WATERCRAFTS TRANSITING THE VICINITY OF THE ABOVE MENTIONED AREAS ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

Date: 12 March 2019

Reference: PCG NTM 059-2019 (HD 056/19)

#### **MESSAGE**

NAVPHIL 026/19 – LUZON, W. COAST, PASIG RIVER – BRIDGE CONSTRUCTION

THE CHINA ROAD AND BRIDGE CORPORATION AND THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAY (DPWH) HAD AN ON-GOING BRIDGE CONSTRUCTION PROJECT ON DATES AND PLACES AS INDICATED:

A. VICINITY OF BINONDO – INTRAMUROS MANILA ALONG PASIG RIVER MARCH 2019 TO DECEMBER 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT A: 14° 35′ 45.22″N., 120° 58′ 30.15″E.
POINT B: 14° 35′ 45.20″N., 120° 58′ 28.35″E.
POINT C: 14° 35′ 41.20″N., 120° 58′ 28.78″E.
POINT D: 14° 35′ 41.41″N., 120° 58′ 30.28″E.

B. VICINITY OF MANDALUYONG AND MAKATI ESTRELLA – PANTALEON BRIDGE ALONG PASIG RIVER MARCH 2019 TO DECEMBER 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT A: 14° 34′ 03.23″N., 121° 02′ 11.40″E.
POINT B: 14° 34′ 01.60″N., 121° 02′ 12.01″E.
POINT C: 14° 34′ 02.56″N., 121° 02′ 18.77″E.
POINT D: 14° 34′ 04.65″N., 121° 02′ 18.44″E.

ALL SHIPS/WATERCRAFTS TRANSITING THE VICINITY OF THE ABOVE MENTIONED AREAS ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

Date: 18 March 2019

Reference: NAMRIA (HD 060/19)

#### MESSAGE

NAVPHIL 027/19 – MINDORO N. COAST, ILOG ANCHORAGE – HYDROGRAPHIC SURVEY

THE NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY (NAMRIA), UTILIZING SURVEY LAUNCH ML-JP-1 AND A SURVEY SKIFF, WILL CONDUCT A HYDROGRAPHIC SURVEY 19 MARCH – 16 APRIL 2019 OFF THE COAST OF ABRA DE ILOG, OCCIDENTAL MINDORO OR WITHIN THE AREA DEFINED BY THE FOLLOWING COORDINATES:

POINT A	13° 27' 55"N., 120° 44' 59"E.
POINT B	13° 29' 33"N., 120° 44' 59"E.
POINT C	13° 29' 33"N., 120° 47' 42"E.
POINT D	13° 28' 12"N., 120° 47' 42"E.
POINT E	13° 27' 23"N., 120° 45' 49"E.

ALL SHIPS/WATERCRAFTS TRANSITING THE ABOVE MENTIONED AREAS ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

Date: 19 March 2019

Reference: PCG NOTAM 064-19 (HD 061/19)

MESSAGE

NAVPHIL 028/19 - LUZON W. COAST, PASIG RIVER - GEOTECHNICAL INVESTIGATION

SOIL PHILIPPINES INDEX TESTING INC, IS CONDUCTING GEOTECHNICAL INVESTIGATION ON 17 MARCH 2019 TO 09 APRIL 2019 AT THIS POSITION:

14° 33'53.32"N, 121° 03' 29.2"E

ALL SHIPS/WATERCRAFTS TRANSITING THE ABOVE-MENTIONED AREA ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONARY MEASURES.

Date: 26 March 2019

Reference: PCG NTM 067 & 070-2019 (HD 064 & 065/19)

#### **MESSAGE**

NAVPHIL 030/19 - PHILIPPINE WATERS - GUNNERY

THE PHILIPPINE NAVY (PN) WILL CONDUCT TEST FIRING OF THEIR NAVAL GUNS ON DATES AND PLACES AS INDICATED:

C. BRP ANASTACIO CACAYORIN (PC387) AT VICINITY 15 NAUTICAL MILES NORTHWEST OFF LANGUYAN POINT, TAWI – TAWI ON 18-20 APRIL 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT A: 05° 31.75'N., 119° 52.90'E. POINT B: 05° 31.75'N., 119° 59.17'E. POINT C: 05° 25.60'N., 119° 52.90'E. POINT D: 05° 15.60'N., 119° 59.17'E.

D. PS70 AT VICINITY 15.6 NAUTICAL MILES SOUTHWEST OFF GUAT POINT, MARIVELES, BATAAN ON 25 APRIL 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT A: 14° 25.50'N., 120° 20.00'E.
POINT B: 14° 25.50'N., 120° 05.20'E.
POINT C: 14° 10.80'N., 120° 05.20'E.
POINT D: 14° 10.80'N., 120° 20.00'E.

E. PS70 AT VICINITY 15 NAUTICAL MILES SOUTHWEST OFF GUNTAO ISLAND, PALAWAN ON 18 APRIL 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT A: 11° 05.00'N., 119° 00.00'E.
POINT B: 11° 05.00'N., 118° 55.00'E.
POINT C: 11° 00.00'N., 118° 55.00'E.
POINT D: 11° 00.00'N., 119° 00.00'E.

ALL SHIPS/WATERCRAFTS TRANSITING THE ABOVE-MENTIONED AREA ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONARY MEASURES.

Date: 29 March 2019

Reference: NAVAREA XI (HD 071/19)

MESSAGE	

NAVPHIL 031/19 – LUZON, NW. COAST, LUZON SEA – CABLE REPAIR

CABLE VESSEL LODBROG WILL CONDUCT CABLE REPAIR OPERATION ON 31 MARCH 2019 UNTIL 09 APRIL 2019 WITHIN THE AREA BOUNDED BY THE FOLLOWING POSITIONS:

17° 32.32'N., 117° 54.09'E. POINT A: POINT B: 17° 27.46'N., 117° 56.52'E. POINT C: 17° 20.80'N., 117° 41.89'E. POINT D: 17° 15.81'N., 117° 39.33'E. POINT E: 17° 18.18'N., 117° 34.26'E. POINT F: 17° 20.78'N., 117° 35.59'E. POINT F: 17° 20.78'N., 117° 35.59'E. POINT G: 17° 27.18'N., 117° 32.35'E. POINT H: 17° 29.27'N., 117° 37.59'E. 17° 29.27'N., 117° 37.59'E. POINT H: 17° 25.59'N., 117° 39.19'E. POINT I:

SURFACE MARKING BUOYS WILL BE DEPLOYED. ALL VESSELS ARE REQUIRED TO GIVE A WIDE BERTH OF AT LEAST ONE (1) NAUTICAL MILE.

ALL SHIPS/WATERCRAFTS TRANSITING THE VICINITY OF THE ABOVE MENTIONED AREAS ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

Date: 29 March 2019

Reference: PCG NTM 070 & 078-2019 (HD 065 & 072/19)

MESSAGE

NAVPHIL 032/19 -PALAWAN, NW. COAST, WEST PHILIPPINE SEA - GUNNERY

THE PHILIPPINE NAVY VESSELS PC376 AND PC380 WILL CONDUCT TEST FIRING OF THEIR NAVAL GUNS ON 18 APRIL 2019 AT VICINITY 14.5 NAUTICAL MILES SOUTHWEST OFF GUNTAO ISLAND, PALAWAN IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT A: 11° 05.00'N., 119° 00.00'E.
POINT B: 11° 05.00'N., 118° 55.00'E.
POINT C: 11° 00.00'N., 118° 55.00'E.
POINT D: 11° 00.00'N., 119° 00.00'E.

ITEM C OF NAVPHIL 030/19 IS CANCELED.

ALL SHIPS/WATERCRAFTS TRANSITING THE VICINITY OF THE ABOVE MENTIONED AREA ARE ADVISED TO TAKE NOTE OF THE INFORMATION AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

#### V

#### **PUBLICATION NOTICES**

- 1. Newly Published Nautical Charts
  - a. Chart 1509 Cape Engaño to Lobod Point 1<sup>st</sup> Edition, 29 March 2019
  - b. Chart 1529 Jolo Island to Basilan Island 1<sup>st</sup> Edition, 26 March 2019
  - c. Chart 1557 North Balabac Strait 1<sup>st</sup> Edition, 29 March 2019
  - d. Chart 4359 Pag-asa Island
     1<sup>st</sup> Edition, 25 February 2019

Call the NAMRIA Map Sales Office (MSO) – Manila Branch at telephone numbers (+632) 245-9498 and (+632) 241-3494 local 117 for details regarding the purchase of the abovementioned publications.

2. Mariners are requested to notify the Hydrography Branch, NAMRIA of any changes or discrepancies found on nautical charts and nautical publications issued by this office especially if this affect navigational safety on Philippine Waters. Reported information may be sent using the Hydrographic Note or the Hydrographic Note for Port Information, which are on the succeeding pages.

Reports may be sent through the following means:

Mail: NAMRIA – Hydrography Branch, 421 Barraca St., San Nicolas, Manila 1010 Email: maritime.affairs@namria.gov.ph and maritime.concerns@gmail.com

Fax: (+632) 242-2955

NAMRIA HNC Form10 Rev00

### **HYDROGRAPHIC NOTE**

Date	
Ref. No	
Name of ship or sender	IMO No
Address of sender	
Telephone/Mobile No	E-mail
Subject	
General locality	
Position: Latitude.	Longitude
Position fixing system used	Datum
Charts affected	_ Edition
ENCs affected	
Latest Notice to Mariners held	
Nautical Publications affected (Edition No.)	
Details of anomaly or observation:	
A replacement copy of Chart Nois required (see Instruction 4).  Signature of observer/reporter	
Tick box if not willing to be named as source of	

#### INSTRUCTIONS

- Mariners are requested to notify the Hydrography Branch of the National Mapping and Resource Information Authority (NAMRIA) when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications that are seen to be necessary. Mariners can also report any ENC display issues experienced.
- 2. This form and its instructions have been designed to help both the sender and the recipient. It should be used, or followed, closely, whenever appropriate. Copies of this form may be obtained gratis from the Hydrography Branch at 421 Barraca St., San Nicolas, Manila, or by requesting thru email at maritime.affairs@namria.gov.ph.
- 3. Position: When a position is defined by sextant angles or bearings (true or magnetic being specified) more than two should be used in order to provide a check. Distances observed by radar should be quoted. However, when there is a series of fixes along a ship's course, only the method of fixing and the objects used need to be indicated. Latitude and longitude should only be used specifically to position the details when they have been fixed by astronomical observations or GPS and a full description of the method, equipment and datum used should be given.
- 4. Paper Charts: A cutting from the largest scale paper chart is the best medium for forwarding details, the alterations and additions being shown thereon in red. When requested, a new copy will be sent in replacement of a chart that has been used to forward information, or when extensive observations have involved defacement of the observer's chart. If it is preferred to show the amendments on a tracing of the largest scale chart (rather than the chart itself) these should be in red as above, but adequate detail from the chart must be traced in black ink to enable the amendments to be fitted correctly.

**Electronic Navigational Charts (ENCs):** A screen grab of the largest scale usage band ENC with the alterations and additions being shown thereon in red.

- 5. **Soundings:** When soundings are obtained, it is important to ensure that full details of the method of collection are included in this report. This include nut no limited to:
  - a. Make, model, and type of echo sounder used.
  - b. Whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given.
  - c. Time, date and time zone should be given in order that corrections for the height of the tide may be made where necessary, or a statement made as to what corrections for tide have already been made.
  - d. Where larger amounts of bathymetric data have been gathered, only those areas where a significant difference to the current chart or ENC should be specifically mentioned on the H102. The full data set may also be sent in, with an additional note added to this effect. If no significant differences are noted, the bathymetric data may still be of use, and sent in accordingly. Where full

data sets are included, a note as to the data owner and their willingness for the data to be incorporated into charts and ENCs included.

- 6. For Echo Sounders that use electronic 'range gating', care should be taken that the correct range scale and appropriate gate width are in use. Older electro-mechanical echo sounders frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus, with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognized by the following:
  - a. the trace being weaker than normal for the depth recorded;
  - b. the trace passing through the transmission line;
  - c. the feathery nature of the trace.

As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from charted depths.

- 7. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.
- 8. Changes to Port Information should be forwarded using Hydrographic Note for Port Information. Where there is insufficient space on the forms additional sheets should be used.
- 9. Reports using this form and relevant data should be sent either through mail at NAMRIA-Hydrography Branch, 421 Barraca St., San Nicolas, Manila or through email at maritime.affairs@namria.gov.com and maritime.concerns@gmail.com.

An acknowledgement or receipt will be sent and the information then used to the best advantage which may mean immediate action or inclusion in a revision in due course; for these purposes, the NAMRIA-Hydrography Branch may make reproductions of any material supplied. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless (as sometimes happens) the information is also received from other authorities or the sender states that they do not want to be named by using the appropriate tick box on the form. An explanation of the use made of contributions from all parts of the world would be too great a task and a further communication should only be expected when the information is of outstanding value or has unusual features.

NAMRIA HNC Form11 Rev00

### **HYDROGRAPHIC NOTE FOR PORT INFORMATION**

Date:				
Name of Observer/Reporter:			IMO No	
Address of sender				
Telephone/Mobile No		E-mail		
Name of Port				
Approximate Position	Latitude		Longitude	
Port Authority Name and contact details				
General Remarks				
Principal activities and trade. Latest population figures and date.				
Number of ships or tonnage handled per year.				
Maximum size of vessel handled.				
Copy of Port Handbook (if available).				
Berthing Facility Type (L-pier, T-pier, wharf, etc.)				
Names, numbers or positions & lengths.				
Depths alongside.				
Storage Facility Area of open storage area and warehouse				
Existence of reefer facilities, cold storage, and special storage facilities.				
Anchorages Position, designation, depths, holding ground, shelter afforded.				

Pilotage Authority for requests.	
Pilot boarding position.	
Regulations (compulsory or not).	
Name of pilot association and contact details.	
Tugs Number available.	
Name of tug operator and contact details	
<b>Directions</b> Entry and berthing information.	
Tidal streams.	
Navigational aids.	
Small Craft Facility Name of yacht club, contact no., email address.	
Cargo Handling Containers, lighters, Ro-Ro etc.	
Repairs Hull, machinery and underwater.	
Shipyards.	
Docking or slipping facilities. (Give size of vessels handled or dimensions)	
Divers.	
Rescue and Distress Salvage, Lifeboat, Coastguard, etc.	
Name of nearest Coast Guard station and contact details.	
Supplies Fuel. (with type, quantities and methods of delivery)	
Fresh water. (with method of delivery and rate of supply)	
Provisions.	

Services Medical.	
Ship Sanitation.	
Garbage and slops.	
Ship chandlery, tank cleaning, compass adjustment, hull painting.	
Communications Nearest airport or airfield.	
Port radio and information service. (with frequencies and hours of operating)	
Government Services Customs	
Quarantine	
Plant and Animal Quarantine	
Immigration	
Local Situation Health facilities (nearest hospitals, clinics, health centers)	
Banks and money remittance facilities	
Views Photographs (where permitted) of the approaches, leading marks, the entrance to the harbor etc.	
Additional Details	
Signature of observer/reporter	

#### Notes:

- 1. This form lists the information required for Philippine Coast Pilot and has been designed to help the sender and the recipient. The sections should be used as an aide-memoir, being used or followed closely, whenever appropriate. Where there is insufficient space on the form an additional sheet should be used.
- 2. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.



#### Nautical Charts, Topographic Maps, Tide and Current Tables and related publications are available for sale at the following NAMRIA Map Sales Offices (MSO):

#### **METRO MANILA:**

#### **NAMRIA Main Office MSO**

Fort Andres Bonifacio, Taquiq City Contact Nos. (02) 810-4831 to 42 local 431, (02) 810-5467

#### Manila MSO

Hydrography Branch 421 Barraca Street, San Nicolas, Manila Contact Nos. (02) 241-3494 to 96 local 117, (02) 245-9498

#### **DENR Central Office MSO**

Forest Management Bureau (FMB) Compound Visayas Avenue, Quezon City Contact Nos. (02) 925-1157

#### **REGION I:**

#### San Fernando (La Union) MSO

**DENR Government Center** Sevilla, San Fernando City Contact Nos. (0999) 405-6917

#### **REGION II:**

#### Cagayan MSO

DENR - LEP, Building II Carig, Tuguegarao City Contact Nos. (0999) 309-3702

#### **CORDILLERA ADMINISTRATIVE REGION: Baguio City MSO**

Cottage I Forester Compound, PACDAL, Baguio City Contact Nos. (074) 442-5429, (074) 442-4531, 0918-9203590

#### **REGION III:**

#### Nueva Ecija MSO

GIS Room, WMRC Building, Central Luzon State University Compound Maharlika Highway, Muñoz City Contact Nos. (044) 456-0690, 0917-9313827

#### Pampanga MSO

Diosdado Macapagal Government Center Maimpis, San Fernando City Contact Nos. (0910) 372-5623

#### **REGION IV-A:**

#### **Southern Tagalog MSO**

Provincial Planning and Development Office Laurel Park, Capitol Site, Batangas City Contact Nos. (0905) 506-8681

#### **REGION IV-B:**

#### **Puerto Princesa MSO**

DENR-PENRO Compound, Brgy. Santa Monica, Puerto Princesa City Contact Nos. (048) 433-1391, (0918) 283-7045

#### **REGION V:**

#### Legazpi City MSO

DENR-Operation/Survey Division, Rizal St., Sagpon, Legazpi City Contact Nos. (052) 480-9825, (0920) 437-8877

#### **REGION VI:**

#### **Iloilo City MSO**

Manuel Lagunilla Bldg, DENR Compound, Parola, Iloilo City Contact Nos. (0919) 887-3862,

#### **REGION VII:**

#### Cebu City MSO

Room 301, Osmeña Bldg. II, Osmeña Blvd, Cebu City Contact Nos. (032) 505-9945, (0922) 791-0372

#### **REGION VIII:**

#### **Tacloban City MSO**

DENR Compound, Sto. Niño Extension, Tacloban City Contact Nos. (053) 325-6223, (053) 321-3386, 0921-3628489

#### **REGION IX:**

#### Zamboanga City MSO

**DENR CENRO West** 

General Vicente Alvarez St., Zone 4, Zamboanga City Contact Nos. 0935-8609439

#### Zamboanga del Sur MSO

Pres. Corazon C. Aquino Regional Government, Center, Balintawak, Pagadian City, Zamboanga del Sur Contact Nos. 0907-2777422

#### REGION X:

#### Cagayan de Oro City MSO

Day Care Center Building, DENR-Compound, Macabalan (Puntod), Cagayan de Oro City Contact Nos. 0926-4148976

#### **REGION XI:**

#### **Davao City MSO**

Kilometer 7, SPED Road, Bangkal, Dayao City Contact Nos. 0915-6127770

#### **REGION XII:**

#### Koronadal City MSO

DENR Region 12, Land Evaluation Party Ofice, Aurora Street, Koronadal City, South Cotabato Contact Nos. 0908-5459367, 0998-9840921

#### **CARAGA Administrative Region:**

#### CARAGA MSO

DENR Land Management Services Bldg., Ambago, Butuan City, Agusan del Norte Contact Nos. (085) 342-6124, (085) 341-3250, 0948-620-9442, 0926-683-5521