

# PHILIPPINE NOTICES TO MARINERS

Edition No.: 01 28 February 2019

Notices Nos.: 003 to 007

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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

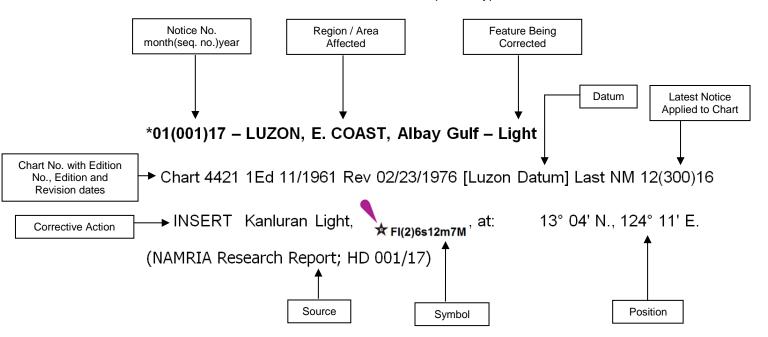
The Hydrographic Note form at the back cover page of this publication must be used in reporting information on dangers to navigation, lighted aids, and other features that should be included in the nautical charts.

# **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 28 February 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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1538	02(007)19	4604	02(003)19
4223	02(005)19	4706	02(005)19
4236	02(006)19	4708	02(003)19
			02(004)19
4430	02(003)19		
		4715	02(005)19
4432	02(004)19		
		4718	02(003)19
4466B	02(003)19		02(004)19

# **INDEX OF CHARTS AFFECTED**

# II NOTICES TO MARINERS

# \*02(003)19 – NEGROS, SE. COAST, Port of Dumaguete – Buoy. Light

Chart 4430 1Ed 06/26/1961 Rev 01/01/1989 [Luzon Datum] Last NM 10(233)16

Amend characteristics of Dumaguete Light from: FI.G.3s12m8M to: FI.G.5s12m8M at: 09° 18.86' N., 123° 18.55' E.

Chart 4466B 1Ed 01/2011 [WGS-84 Datum] Last NM 05(085)15



Amend characteristics of Dumaguete Light from: FI.G.3s12m8M to: FI.G.5s12m8M at: 09° 18' 46.9"N., 123° 18' 37.6"E.

Chart 4604 1Ed 04/30/1956 Rev 01/07/1985 [Luzon Datum] Last NM 11(056)18

Amend characteristics of Dumaguete Light from: FI.G.3s12m8M to: FI.G.5s12m8M at: 09° 18.86' N., 123° 18.55' E.

Chart 4708 2Ed 11/2010 [WGS-84 Datum] Last NM 12(071)18

Amend characteristics of Dumaguete Light from: FI.G.3s12m8M to: FI.G.5s12m8M at: 09° 18.8' N., 123° 18.6' E.

Chart 4718 1Ed 10/16/1971 Rev 11/24/1975 [Luzon Datum] Last NM 12(071)18

Amend characteristics of Dumaguete Light from: FI.G.3s12m8M to: FI.G.5s12m8M at: 09° 18.9' N., 123° 18.5' E.

(PCG NM Nos. 037 & 043 of 2019; HD 022/19 & 039/19)

# II NOTICES TO MARINERS

# \*02(004)19 – NEGROS, SW. COAST, Tolong Bay – Light

Chart 4432 1Ed 06/28/1965 Rev 12/06/1988 [Luzon Datum] Last NM 01(006)17

Amend characteristics of Cansilan Point Light from: FI.5s to: FI.3s at: 09° 23.00' N., 122° 40.50' E.

Chart 4708 2Ed 11/2010 [WGS-84 Datum] Last NM 02(003)19

Amend characteristics of Cansilan Point Light from: FI.5s to: FI.3s at: 09° 22.9' N., 122° 40.6' E.

Chart 4718 1Ed 10/16/1971 Rev 11/24/1975 [Luzon Datum] Last NM 02(003)19

Amend characteristics of Cansilan Point Light from: FI.5s to: FI.3s at: 09° 23.0' N., 122° 40.5' E.

(PCG NM No. 037 of 2019; HD 022/19)

# \*02(005)19 – LUZON, E. COAST, San Miguel Bay – Light

Chart 4223 1Ed 01/2011 [WGS-84 Datum] Last NM 05(085)15

Insert	☆ Fl.3s12M	at: 13° 43.81' N., 123° 12.72' E.
Delete	☆ FI.5s12M	at: 13° 43.73' N., 123° 12.80' E.

Chart 4706 2Ed 12/2010 [WGS-84 Datum] Last NM 01(002)19

Amend characteristics of Sabang Calabanga Light from: FI.5s12M to: FI.3s12M at: 13° 43.7' N., 123° 12.8' E.

Chart 4715 1Ed 12/1958 Rev 07/1975 [Luzon Datum] Last NM 07(035)18

Amend characteristics of Sabang Calabanga Light from: FI.5s12M to: FI.3s12M at: 13° 43.8' N., 123° 12.7' E.

(PCG NM No. 044 of 2019; HD 040/19)

# II NOTICES TO MARINERS

# 02(006)19 - LUZON, W. COAST, Manila Bay - Light

Chart 4236 4Ed 04/26/2018 [WGS-84 Datum] Last NM 12(067)18

Move FI(3)G.10s7m Manila Jetty No.5 G/W from: 14° 33' 45.2"N., 120° 58' 45.2"E. to: 14° 33' 45.2"N., 120° 58' 54.2"E.

(US Survey Report; HD 011/19)

# \*02(007)19 – LEYTE, W. COAST, Dupon Bay – Tower

Chart 1538 1Ed 02/02/2012 Rev 07/31/2012 [WGS-84 Datum] Last NM 01(002)19

Insert **O**Pyl at: 10° 55.10' N., 124° 25.03' E.

(NAMRIA; HD 013/19 & 043/19)

# 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 <i>(8)</i>
<b>REGION IV-</b>	A - CALABAR							
<b>BATANG</b> 0067	AS F2606.6	MAINAGA	13 45 47 N 120 57 16 E	FI G 5s	25	7	Concrete beacon, 3	TE 2019 *
QUEZON								
0113	F2757	MAUBAN	14 12 17 N 121 45 12 E	FI W 5s		10	Concrete	In WGS-84 Datum <b>TE 2019</b> *
0578	F2756.5	TAWIG	14 11 18 N 121 54 35 E	FI W 5s		12	Concrete	TE 2019 *
NCR – NATIO	ONAL CAPIT	AL REGION						
0055	F2653	CUSTOM HOUSE TOWER	14 35 17 N 120 58 00 E	FI R 5s	60	10	Concrete tower on building	Vis 322°- 130°(168°) <b>TE 2019</b> *
REGION V – CAMARIN		ON						
0532	F2775	SABANG CALABANGA *	13 43 43 N 123 12 48 E *	FI W 3s		12	Concrete tower	In WGS-84 Datum *
	- CENTRAL V ORIENTAL	VISAYAS						
0232	F2346	DUMAGUETE	09 18 47 N 123 18 38 E	FI G 5s	12	8	White concrete tower, 10	Vis 198°- 359°(161°) In WGS-84 Datum
	<b>Eaa</b> / <b>a</b>		*	*		10		*
0233	F2348	AMBLAN POINT	09 27 56 N 123 13 40 E	FI W 5s	11	10	White aluminum tower, 10	Vis 140°- 327°(187°) *
0742	F2359.82	CANSILAN POINT	09 23 00 N 122 40 30 E	FI W 3s				*
		LSHM-Du2	09 19 03 N 123 19 09 E	FI(2)R 5s			Red buoy. Topmark: red cone pointing upward	In WGS-84 Datum <b>TE 2019</b>
		*	*	*		*	*	*
		LSHM-Du4	09 18 58 N 123 18 56 E	FI(2)R 5s			Red buoy. Topmark: red cone pointing upward	In WGS-84 Datum <b>TE 2019</b>
		*	*	*		*	*	*
	DAVAO REC							
0387	F2228.5	OLANIBAN	05 31 00 N 125 29 15 E	FI W 8s			GRP	PA TE 2019
Note: Asteris	<pre>x * * " indicate</pre>	s new information in the						

Date: 23 March 2018

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

MESSAGE

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

DUMDUMA CONTRUCTION 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.

# NAVIGATIONAL WARNINGS

Date: 24 August 2018

Reference: PCG NTM 199-2018 (HD 208/18)

MESSAGE

NAVPHIL 117/18 - LUZON, W. COAST, MANILA BAY - DREDGING

PRIME METRO BMC CORP., UTILIZING M/TUG WV UNO, BARGE ASEANA 1, M/TUG PREMCHAI 4 AND BARGE SB B-1 IS CONDUCTING MAINTENANCE DREDGING OPERATIONS FROM 15 AUGUST 2018 TO 15 MARCH 2019 AT THE INNER ENTRANCE CHANNEL, BASIN AND BERTH OF THE MANILA INTERNATIONAL CONTAINER TERMINAL (MICT). THE DREDGED MATERIALS WILL BE DISCHARGED IN MANILA BAY WITHIN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT	<b>A</b> :	14° 34' 52"N., 120° 47' 05"E.
POINT	B:	14° 34' 52"N., 120° 47' 09"E.
POINT	<b>C</b> :	14° 34' 40"N., 120° 47' 05"E.
POINT	D:	14° 34' 40"N., 120° 47' 19"E.
POINT	E:	14° 34' 42"N., 120° 47' 12"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.

# **NAVIGATIONAL WARNINGS**

Date: 08 November 2018

### Reference: PCG NTM 252-2018 (HD 276/18)

### MESSAGE

### NAVPHIL 162/18 - LUZON W. COAST, MANILA BAY - WATER SAMPLING

EGS ASIA INC., IS CONDUCTING WATER QUALITY SAMPLING UTILIZING MB EGS WORKER FROM 07 NOVEMBER 2018 TO 15 MARCH 2019 AT THE VICINITY OFFSHORE PASAY-PARAÑAQUE, MANILA BAY OR WITHIN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

Point	Latitude	Longitude
1	14° 35' 24.06"N.	120° 57' 07.02"E.
2	14° 29' 30.18"N.	120° 58' 30.96"E.
3	14° 31' 11.34"N.	120° 53' 49.26"E.
4	14° 35' 02.53"N.	120° 54' 02.52"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.

# **NAVIGATIONAL WARNINGS**

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.

# **NAVIGATIONAL WARNINGS**

Date: 25 January 2019

Reference: Shell Philippines Email (HD 008/19)

MESSAGE

NAVPHIL 005/19 - PHILIPPINE WATERS - UNDERWATER OPERATION

M/V SKANDI HAWK AND A REMOTELY OPERATED VEHICLE WILL CONDUCT UNDERWATER PIPELINE INSPECTION FROM 15 FEBRUARY 2019 TO 29 MARCH 2019 IN THE FOLLOWING AREAS ALONG THE MALAMPAYA SUBMARINE PIPELINE:

AREA	SECTION	FROM	ТО
WEST	0	11° 30.8'N., 119° 07.4'E.	11° 38.5'N., 118° 54.3'E.
PHILIPPINE	1	11° 30.8'N., 119° 07.4'E.	11° 29.6'N., 119° 13.5'E.
SEA	2	11° 31.3'N., 119° 17.4'E.	11° 36.9'N., 119° 33.1'E.
JLA	3	11° 39.2'N., 119° 40.1'E.	11° 40.4'N., 119° 46.0'E.
	4	11° 37.9'N., 119° 56.1'E.	11° 35.1'N., 120° 02.1'E.
SULU SEA	5	11° 34.4'N., 120° 09.0'E.	11° 43.4'N., 120° 26.0'E.
	6	11° 48.3'N., 120° 42.4'E.	11° 50.8'N., 120° 48.3'E.
	7	11° 54.0'N., 120° 53.4'E.	11° 57.6'N., 121° 03.5'E.
	8	12° 04.2'N., 121° 08.1'E.	12° 15.8'N., 121° 29.4'E.
VERDE IS.	9	13° 19.7'N., 121° 23.6'E.	13° 21.8'N., 121° 21.1'E.
PASSAGE	10	13° 27.2'N., 121° 13.0'E.	13° 37.5'N., 121° 00.5'E.
BATANGAS BAY	11	13° 42.3'N., 121° 02.6'E.	13° 43.0'N., 121° 03.5'E.

ALL SHIPS/WATERCRAFTS TRANSITING THE ABOVE MENTIONED AREAS ARE ADVISED TO PROVIDE A 5 NAUTICAL MILES RADIUS DISTANCE FROM THE ABOVE MENTIONED VESSEL AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

# **NAVIGATIONAL WARNINGS**

Date: 11 February 2019

Reference: PCG NTM 008 & 009-2019 (HD 006 & 007/19)

MESSAGE

NAVPHIL 009/19 - PHILIPPINE WATERS - GUNNERY

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

A. BRP EMILIO LIWANAG (PC118) AT VICINITY 14 NAUTICAL MILES SOUTHWEST OFF CAPE SAN AGUSTIN, DAVAO ORIENTAL ON 07-08 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINTA:06° 04' 00"N., 126° 11' 00"E.POINTB:06° 04' 00"N., 126° 01' 00"E.POINTC:05° 54' 00"N., 126° 01' 00"E.POINTD:05° 54' 00"N., 126° 11' 00"E.

B. BRP RAMON ALCARAZ (FF16) AT VICINITY 3.5 NAUTICAL MILES SOUTHWEST OFF LOS FRAILES, ZAMBALES ON 20-21 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINTA:14° 41' 30"N., 119° 51' 36"E.POINTB:14° 41' 30"N., 120° 07' 00"E.POINTC:14° 26' 24"N., 120° 07' 00"E.POINTD:14° 26' 24"N., 119° 51' 36"E.

THIS CANCELS NAVPHIL 006/19

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.

# **NAVIGATIONAL WARNINGS**

Date: 15 February 2019

Reference: NAMRIA (HD 017/19)

MESSAGE

NAVPHIL 011/19 – MINDORO N. COAST, PUERTO GALERA – HYDROGRAPHIC SURVEY

THE NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY (NAMRIA) HYDROGRAPHY BRANCH, UTILIZING A SURVEY SKIFF WILL CONDUCT HYDROGRAPHIC SURVEY ACTIVITIES AT PUERTO GALERA, OCCIDENTAL MINDORO FROM 18 FEBRUARY 2019 TO 20 MARCH 2019 WITHIN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

> A: 13° 28' 36.8781"N., 120° 58' 16.4264"E. B: 13° 28' 36.8575"N., 120° 59' 14.3518"E. C: 13° 29' 25.4892"N., 120° 58' 54.9060"E. D: 13° 31' 28.3850"N., 120° 59' 54.2322"E. E: 13° 32' 10.5691"N., 120° 58' 00.2765"E. F: 13° 32' 12.7835"N., 120° 56' 47.4646"E. G: 13° 31' 42.6231"N., 120° 55' 24.8844"E. H: 13° 30' 43.2400"N., 120° 55' 24.8844"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: 19 February 2019

Reference: PCG NTM 021 & 022-2019 (HD 018 & 019/19)

MESSAGE

NAVPHIL 013/19 - PHILIPPINE WATERS - GUNNERY

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

A. BRP FEDERICO MARTIR (PC385) AT VICINITY 14.5 NAUTICAL MILES SOUTHWEST OFF GUNTAO ISLAND, PALAWAN ON 14 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINTA:11° 05' 00"N., 119° 00' 00"E.POINTB:11° 05' 00"N., 118° 55' 00"E.POINTC:11° 00' 00"N., 118° 55' 00"E.POINTD:11° 00' 00"N., 119° 00' 00"E.

B. PB333 AT VICINITY 9 NAUTICAL MILES SOUTHEAST OFF BONBON POINT, SIATON, NEGROS ORIENTAL ON 20 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

> POINT A: 08° 56' 13"N., 123° 12' 21"E. POINT B: 08° 56' 13"N., 123° 14' 24"E. POINT C: 08° 54' 13"N., 123° 14' 24"E. POINT D: 08° 54' 13"N., 123° 12' 21"E.

C. PB341 AT VICINITY 9 NAUTICAL MILES SOUTHEAST OFF PANGUMBUCAN POINT, CAMOTES ISLAND, CEBU ON 20 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

> POINT A: 10° 32' 00"N., 124° 15' 00"E. POINT B: 10° 32' 00"N., 124° 25' 00"E. POINT C: 10° 22' 00"N., 124° 25' 00"E. POINT D: 10° 22' 00"N., 124° 15' 00"E.

D. PB349 AT VICINITY 10.5 NAUTICAL MILES NORTHEAST OFF OGTON POINT, GUINTACAN ISLAND, CEBU ON 20 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

> POINT A: 11° 34' 00"N., 123° 52' 00"E. POINT B: 11° 34' 00"N., 123° 57' 00"E. POINT C: 11° 29' 00"N., 123° 52' 00"E. POINT D: 11° 29' 00"N., 123° 57' 00"E.

> > Continued to the next page.

E. PB352 AT VICINITY 10 NAUTICAL MILES NORTHEAST OFF AKLAN POINT, KALIBO ON 20 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINTA:11° 45' 00"N., 122° 30' 00"E.POINTB:11° 50' 00"N., 122° 30' 00"E.POINTC:11° 50' 00"N., 122° 35' 00"E.POINTD:11° 45' 00"N., 122° 35' 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: 22 February 2019

Reference: PCG NTM 028 & 029-2019 (HD 023 & 024/19)

MESSAGE

NAVPHIL 014/19 - PHILIPPINE WATERS - GUNNERY

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

C. PB350 AT VICINITY 10 NAUTICAL MILES SOUTHWEST OFF MALAPINGAN POINT, CLAVERIA, BURIAS ISLAND, MASBATE ON 11 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINTA:12° 45' 10"N., 123° 06' 06"E.POINTB:12° 45' 10"N., 123° 08' 11"E.POINTC:12° 43' 05"N., 123° 08' 11"E.POINTD:12° 43' 05"N., 123° 06' 06"E.

D. BRP NESTOR REINOSO (PC380) AT VICINITY 14.5 NAUTICAL MILES SOUTHWEST OFF GUNTAO ISLAND, PALAWAN ON 14 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT	<b>A</b> :	11° 05' 00"N., 119° 00' 00"E.
POINT	B:	11° 05' 00"N., 118° 55' 00"E.
POINT	<b>C</b> :	11° 00' 00"N., 118° 55' 00"E.
POINT	D:	11° 00' 00"N., 119° 00' 00"E.

E. BRP SALVADOR ABCEDE (PC114) AT VICINITY 8.2 NAUTICAL MILES NORTHEAST OFF DANAHON BANK, BOHOL ON 21 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINTA:10° 33' 13"N., 124° 22' 50"E.POINTB:10° 33' 13"N., 124° 33' 04"E.POINTC:10° 22' 24"N., 124° 22' 50"E.POINTD:10° 22' 24"N., 124° 33' 04"E.

F. BRP MIGUEL MALVAR (PS190) AT VICINITY 10 NAUTICAL MILES SOUTHEAST OFF MANUK MANKA ISLAND, TAWI-TAWI ON 12-14 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

> POINT A: 04° 46' 00"N., 120° 02' 00"E. POINT B: 04° 46' 00"N., 120° 12' 00"E. POINT C: 04° 36' 00"N., 120° 12' 00"E. POINT D: 04° 36' 00"N., 120° 02' 00"E.

> > Continued to the next page.

G. BRP CEBU (PS18) AT VICINITY 19.6 NAUTICAL MILES SOUTHWEST OFF MANAMIL ISLAND, SARANGANI ON 14-15 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINTA:05° 24' 00"N., 125° 10' 00"E.POINTB:05° 24' 00"N., 124° 55' 00"E.POINTC:05° 09' 00"N., 125° 10' 00"E.POINTD:05° 09' 00"N., 124° 55' 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.

# **NAVIGATIONAL WARNINGS**

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:

> 14° 28' 00"N., 120° 46' 30"E. 1: 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.

# **NAVIGATIONAL WARNINGS**

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: 27 February 2019

Reference: PCG NTM 033 and 039-2019 (HD 030 and 041/19)

\_MESSAGE\_

NAVPHIL 019/19 - PHILIPPINE WATERS - GUNNERY

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

A. PC372 AT VICINITY 3.5 NAUTICAL MILES SOUTH OFF CAMOTES ISLAND, CEBU ON 11 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINTA:10° 32' 00"N., 124° 15' 00"E.POINTB:10° 32' 00"N., 124° 25' 00"E.POINTC:10° 22' 00"N., 124° 35' 00"E.POINTD:10° 22' 00"N., 124° 15' 00"E.

B. PB343 AT VICINITY 9 NAUTICAL MILES WEST OFF SAN PASCUAL, BURIAS ISLAND, MASBATE ON 15 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT	<b>A</b> :	13° 04' 19"N., 122° 47' 10"E.
POINT	B:	13° 00' 04"N., 122° 50' 14"E.
POINT	C:	12° 57' 35"N., 122° 48' 14"E.
POINT	D:	13° 02' 17"N., 122° 45' 01"E.

C. BRP PANGASINAN (PS31) AT VICINITY 12.5 NAUTICAL MILES SOUTHWEST OFF HORNOS POINT, MARIVELES, BATAAN ON 17 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

> POINT A: 14° 27' 44"N., 120° 16' 51"E. POINT B: 14° 18' 04"N., 120° 28' 28"E. POINT C: 14° 14' 28"N., 120° 16' 47"E. POINT D: 14° 13' 19"N., 120° 26' 03"E.

D. PC336 AT VICINITY 8 NAUTICAL MILES NORTHWEST OFF PANAMPALAN POINT, POLILLO ISLAND, QUEZON ON 26 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

> POINT A: 15° 08' 15"N., 121° 42' 07"E. POINT B: 15° 10' 01"N., 121° 44' 41"E. POINT C: 15° 07' 52"N., 121° 46' 54"E. POINT D: 15° 05' 52"N., 121° 44' 23"E.

> > Continued to the next page.

E. PC386 AT VICINITY 20 NAUTICAL MILES WEST OFF DULUNGUIN POINT, SIOCON, ZAMBOANGA DEL NORTE ON 12 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

> POINT A: 07° 47' 54"N., 121° 45' 00"E. POINT B: 07° 41' 42"N., 121° 38' 54"E. POINT C: 07° 47' 54"N., 121° 38' 54"E.

F. PB321, PB322, PB348 AND PB351 AT VICINITY 9.2 NAUTICAL MILES WEST OFF MARAGAYAP RIVER, BACNOTAN, LA UNION ON 13-15 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT	A:	16° 50' 49"N., 120° 02' 46"E.
POINT	B:	16° 42' 08"N., 120° 18' 47"E.
POINT	<b>C</b> :	16° 41' 24"N., 120° 10' 14"E.
POINT	D:	16° 49' 42"N., 120° 18' 32"E.

G. PC387 AT VICINITY 15 NAUTICAL MILES NORTHWEST OFF LANGUYAN POINT, TAWI-TAWI ON 18-20 MARCH 2019 IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT	A:	05° 31' 45"N., 119° 52' 54"E.
POINT	B:	05° 31' 45"N., 119° 59' 10"E.
POINT	<b>C</b> :	05° 25' 36"N., 119° 52' 54"E.
POINT	D:	05° 15' 36"N., 119° 59' 10"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.

# **PUBLICATION NOTICES**

**1.** The following nautical charts permanently withdrawn:

Chart No.	Chart Title	Replacement Chart
4210	Dasol Bay to Capones Islands	1502
4211	Approaches to Manila Bay	1501 & 1502
4219	Passages between Luzon and Masbate and Sorsogon Bay	1515 & 1541
4312	Cuyo Islands	1545 & 1551
4410	Tablas Island and Vicinity	1543 & 1544
4411	Sibuyan and Romblon Island	1540, 1541 & 1544
4412	Western Masbate	1540 & 1541
4413	Northern Panay, Sigat Point to Bulacaue Point	1540
4414	Northwestern Panay	1540, 1544 & 1545
4417	Northeastern Panay and Adjacent Islands	1540 & 1549
4424	Southeast Coast of Leyte and Dinagat Island	1518, 1519 & 1537
4425	Eastern Bohol and Part of Leyte	1537
4426	Ormoc Bay to Maasin 1538	
4427	East Coast of Cebu	1538
4428	Northern Part of Tañon Strait	1548 & 1549
4514	Tawi-Tawi and Vicinity	1531
4516	Pearl Bank to Dammai Island 1531	
4517	Pangutaran Island	1531

The withdrawn nautical charts are no longer available in the NAMRIA Map Sales Office and will no longer be included for correction in the future editions of the Philippine Notices to Mariners.

# **PUBLICATION NOTICES**

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	HYDI	ROGRAPHIC NOT	E
Date			
Ref. No			
Name of ship or	sender		IMO No
Address of sende	er		
Telephone/Mobil	e No	E-mail	
Subject			
General locality			
Position: Latitude	9	Longitude	
Position fixing sy	stem used	Dat	tum
Charts affected _		Edition	
ENCs affected _			
	Mariners held		
Nautical Publicat	ions affected (Edition No.) _		
Details of anoma	ly or observation:		

A replacement copy of Chart No	_
is required (see Instruction 4).	
Signature of observer/reporter	
Tick box if not willing to be named as source of this information	

### 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.

- 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.
- 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.

# HYDROGRAPHIC NOTE FOR PORT INFORMATION

Date:				
Name of Observer/Reporter:				
Address of sender				
Telephone/Mobile No		E-mail		
Name of Port				
Approximate Position	Latitude		Longitude	
<b>Port Authority</b> 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 <i>(if available)</i> .				
<b>Berthing Facility</b> Type (L-pier, T-pier, wharf, etc.)				
Names, numbers or positions & lengths.				
Depths alongside.				
<b>Storage Facility</b> Area of open storage area and warehouse				
Existence of reefer facilities, cold storage, and special storage facilities.				
<b>Anchorages</b> Position, designation, depths, holding ground, shelter afforded.				

Dilatana	
<b>Pilotage</b> Authority for requests.	
Pilot boarding position.	
Regulations (compulsory or not).	
Name of pilot association and contact details.	
<b>Tugs</b> 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.	
<b>Cargo Handling</b> Containers, lighters, Ro-Ro etc.	
<b>Repairs</b> Hull, machinery and underwater.	
Shipyards.	
Docking or slipping facilities. (Give size of vessels handled or dimensions)	
Divers.	
<b>Rescue and Distress</b> Salvage, Lifeboat, Coastguard, etc.	
Name of nearest Coast Guard station and contact details.	
<b>Supplies</b> 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.	
<b>Communications</b> Nearest airport or airfield.	
Port radio and information service. (with frequencies and hours of operating)	
Government Services Customs	
Quarantine	
Plant and Animal Quarantine	
Immigration	
<b>Local Situation</b> 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.

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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, Taguig 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, Davao 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