



PHILIPPINE NOTICES TO MARINERS

Edition No.: 02
28 February 2021

Notices Nos.: 004 to 007

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Produced by the Hydrography Branch

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NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY

Notices to Mariners – Philippine edition are now on-line at
<http://www.namria.gov.ph/download.php#publications>

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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: css.gismb@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) 8242-2090

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.

An online form for reporting is also now available to the public. Log on to:

Philippine Online Maritime Safety Information System (OMSIS)
<http://namria.gov.ph/omsis/landing.aspx>

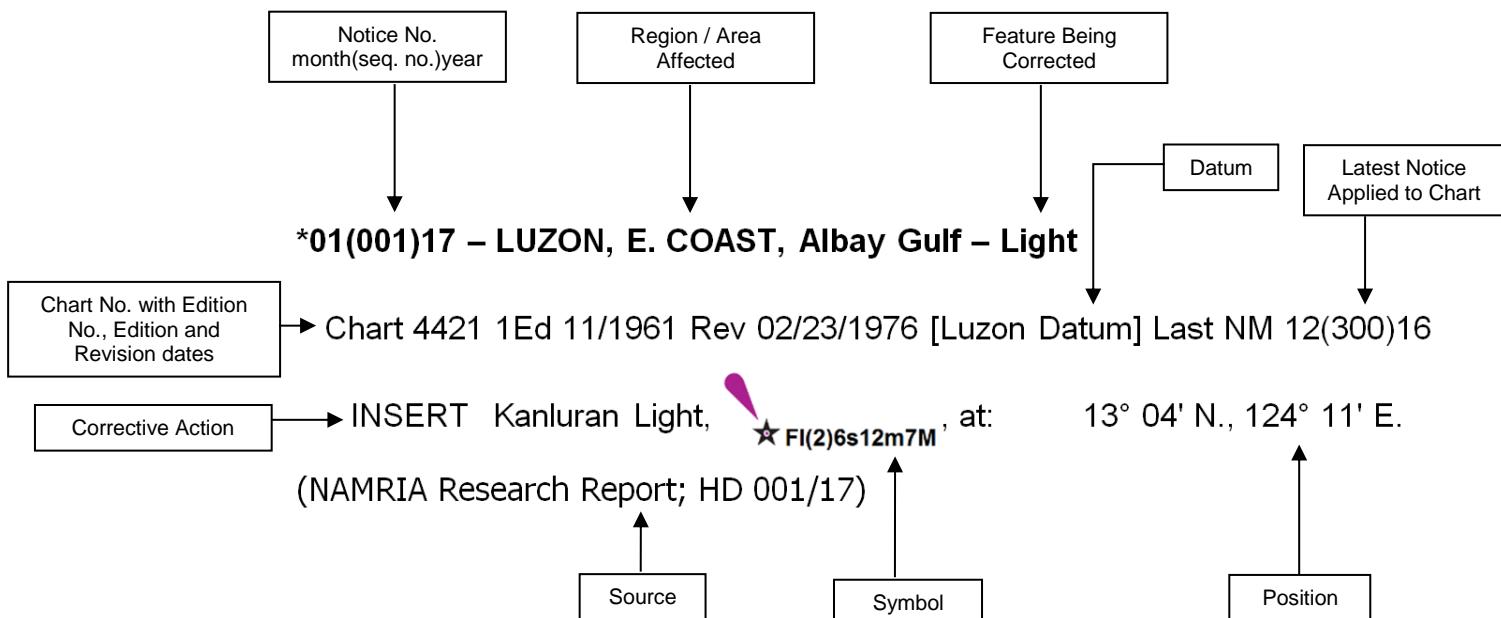
Sign-up and log-in to access the Electronic Hydrographic Note (e-HNote) to report. Other features such as Electronic Nautical Chart Correction Service (e-NCC) and Cumulative List can also be utilized upon subscription to OMSIS.

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° to 360°. 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.

2. 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 2021)

- 05(036)P/19 – LUZON, W. COAST, Subic Bay – Buoy
- 04(023)P/19 – MINDANAO, N. COAST, Iligan Bay – Buoy
- 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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| 1501 | 02(006)21 | 4257 | 02(006)21 |
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| 1508 | 02(007)21 | 4305 | 02(005)21 |
| | | | |
| 1538 | 02(004)21 | 4429 | 02(004)21 |
| | | | |
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| 4214 | 02(006)21 | 4604 | |
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| | | | |
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| PH2CMN40 | 02(004)21 | PH2CVZ40 | 02(005)21 |
| | | | 02(006)21 |
| PH2NLZ40 | 02(007)21 | | |
| | | PH4CBA40 | 02(004)21 |

II
NOTICES TO MARINERS

***02(004)21 – CEBU, S. COAST, Cebu Strait – Submarine Cable**

Chart 1538 1Ed 02/02/2012 rev 07/31/2012 [WGS-84 Datum] Last NM 09(044)20

Insert  joining: 10° 14.52' N., 123° 50.93' E.
10° 13.32' N., 123° 51.46' E.
10° 11.05' N., 123° 50.45' E.
10° 09.61' N., 123° 47.46' E.

Chart 1548 1Ed 05/17/2017 [WGS-84 Datum] Last NM 09(044)20

Insert  joining: 10° 14.52' N., 123° 50.93' E.
10° 13.32' N., 123° 51.46' E.
10° 11.05' N., 123° 50.45' E.
10° 09.61' N., 123° 47.46' E.
09° 43.95' N., 123° 37.29' E.
09° 36.92' N., 123° 35.15' E.
09° 26.71' N., 123° 29.06' E.
09° 24.82' N., 123° 27.39' E.
09° 23.87' N., 123° 25.50' E.
09° 21.91' N., 123° 24.13' E.
09° 18.85' N., 123° 20.37' E.
09° 15.73' N., 123° 19.44' E.
09° 15.11' N., 123° 18.64' E.
09° 14.93' N., 123° 17.84' E.

Chart 4429 1Ed 24/07/1961 Rev 13/07/1987 [Luzon Datum] Last NM 09(044)20

Insert  joining: 10° 14.59' N., 123° 50.84' E.
10° 13.40' N., 123° 51.38' E.
10° 11.12' N., 123° 50.36' E.
10° 09.68' N., 123° 47.38' E.
09° 44.03' N., 123° 37.21' E.
09° 40.60' N., 123° 36.16' E.

Chart 4430 1Ed 06/26/1961 Rev 01/01/1989 [Luzon Datum] Last NM 02(003)19

Insert  joining: 10° 06.82' N., 123° 46.16' E.
09° 44.03' N., 123° 37.21' E.
09° 37.00' N., 123° 35.07' E.
09° 26.78' N., 123° 28.98' E.
09° 24.70' N., 123° 27.31' E.
09° 23.94' N., 123° 25.42' E.
09° 21.99' N., 123° 24.05' E.
09° 18.93' N., 123° 20.29' E.
09° 15.81' N., 123° 19.37' E.
09° 15.19' N., 123° 18.72' E.
09° 15.00' N., 123° 17.76' E.

II
NOTICES TO MARINERS

***02(004)21 – CEBU, S. COAST, Cebu Strait – Submarine Cable (continued)**

Chart 4447 4Ed 06/2013 [WGS-84 Datum] Last NM 09(045)20

Insert  joining: 10° 14.52' N., 123° 50.93' E.
10° 14.06' N., 123° 51.07' E.
10° 13.90' N., 123° 51.27' E.
10° 13.32' N., 123° 51.46' E.
10° 12.90' N., 123° 51.37' E.

Chart 4466B 1Ed 01/2011 [WGS-84 Datum] Last NM 02(003)19

Insert  joining: 09° 18' 48.7"N., 123° 20' 20.0"E.
09° 18' 46.8"N., 123° 20' 18.4"E.
09° 18' 35.7"N., 123° 20' 12.7"E.
09° 18' 21.9"N., 123° 20' 08.4"E.
09° 17' 12.0"N., 123° 19' 55.8"E.

Chart 4604 1Ed 04/30/1956 Rev 01/07/1985 [Luzon Datum] Last NM 09(059)19

Insert  joining: 09° 23.94' N., 123° 25.42' E.
09° 21.99' N., 123° 24.05' E.
09° 18.93' N., 123° 20.29' E.
09° 15.81' N., 123° 19.37' E.
09° 15.19' N., 123° 18.72' E.
09° 15.00' N., 123° 17.76' E.

Chart 4706 2Ed 12/2010 [WGS-84 Datum] Last NM 01(002)21

Insert  joining: 10° 14.5' N., 123° 50.9' E.
10° 13.3' N., 123° 51.5' E.
10° 11.1' N., 123° 50.5' E.

Chart 4708 2Ed 11/2010 [WGS-84 Datum] Last NM 12(063)20

Insert  joining: 10° 14.5' N., 123° 50.9' E.
10° 13.3' N., 123° 51.5' E.
10° 11.1' N., 123° 50.5' E.
10° 09.6' N., 123° 47.5' E.
09° 44.0' N., 123° 37.3' E.
09° 36.9' N., 123° 35.2' E.
09° 26.7' N., 123° 29.1' E.
09° 24.8' N., 123° 27.4' E.
09° 23.9' N., 123° 25.5' E.
09° 21.9' N., 123° 24.1' E.
09° 18.9' N., 123° 20.4' E.
09° 15.7' N., 123° 19.4' E.
09° 15.1' N., 123° 18.6' E.
09° 14.9' N., 123° 17.8' E.

II
NOTICES TO MARINERS

***02(004)21 – CEBU, S. COAST, Cebu Strait – Submarine Cable (continued)**

Chart 4718 1Ed 10/16/1971 Rev 11/24/1975 [Luzon Datum] Last NM 07(039)20

Insert  joining: 10° 14.59' N., 123° 50.84' E.
10° 13.40' N., 123° 51.38' E.
10° 11.12' N., 123° 50.36' E.
10° 09.68' N., 123° 47.38' E.
09° 44.03' N., 123° 37.21' E.
09° 37.00' N., 123° 35.07' E.
09° 26.78' N., 123° 28.98' E.
09° 24.70' N., 123° 27.31' E.
09° 23.94' N., 123° 25.42' E.
09° 21.99' N., 123° 24.05' E.
09° 18.93' N., 123° 20.29' E.
09° 15.81' N., 123° 19.37' E.
09° 15.19' N., 123° 18.72' E.
09° 15.00' N., 123° 17.76' E.

ENCs affected: PH4CBA40, PH2CMN40
(DITO Telecommunications; HD 033/21)

II
NOTICES TO MARINERS

***02(005)21 – MINDORO, E. COAST, Balete Pt. to Bonsud Pt. – Lights**

Chart 1543 1Ed 02/02/2012 [WGS-84 Datum] Last NM 05(026)20

- Move  **FI.5s** from: 12° 51.42' N., 121° 29.50' E.
to: 12° 51.71' N., 121° 29.38' E.
- Move  **FI.R.5s** from: 12° 54.50' N., 121° 28.84' E.
to: 12° 54.23' N., 121° 28.96' E.

Chart 4218 1Ed 03/1958 Rev 09/15/1986 [Luzon Datum] Last NM 05(026)20

- Move  **FI.5s** from: 12° 51.50' N., 121° 29.42' E.
to: 12° 51.79' N., 121° 29.29' E.
- Move  **FI.R.5s** from: 12° 54.58' N., 121° 28.75' E.
to: 12° 54.31' N., 121° 28.88' E.

Chart 4305 2Ed 12/07/1992 [Luzon Datum] Last NM 11(056)20

- Move  **FI.5s** from: 12° 51.50' N., 121° 29.42' E.
to: 12° 51.79' N., 121° 29.29' E.
- Move  **FI.R.5s** from: 12° 54.58' N., 121° 28.75' E.
to: 12° 54.31' N., 121° 28.88' E.

Chart 4706 2Ed 12/2010 [WGS-84 Datum] Last NM 02(004)21

- Move  **FI.5s** from: 12° 51.4' N., 121° 29.5' E.
to: 12° 51.7' N., 121° 29.4' E.
- Move  **FI.R.5s** from: 12° 54.5' N., 121° 28.8' E.
to: 12° 54.2' N., 121° 29.0' E.

Chart 4714 1Ed 09/14/1959 Rev 03/31/1986 [Luzon Datum] Last NM 11(056)20

- Move  **FI.5s** from: 12° 51.5' N., 121° 29.4' E.
to: 12° 51.8' N., 121° 29.3' E.
- Move  **FI.R.5s** from: 12° 54.6' N., 121° 28.8' E.
to: 12° 54.3' N., 121° 28.9' E.

ENC affected: PH2CVZ40
(NAMRIA Research Reports; HD 034/20 & 035/21)

NOTICES TO MARINERS

***02(006)21 – LUZON, W. COAST, Nasugbu Bay – Light**

Chart 1501 1Ed 02/02/2012 [WGS-84 Datum] Last NM 01(002)21

Amend characteristics of Nasugbu Light from Fl.5s to Fl.G.5s
at: 14° 04.93' N., 120° 37.22' E.

Chart 1564 1Ed 02/02/2012 [WGS-84 Datum] Last NM 11(056)20

Amend characteristics of Nasugbu Light from Fl.5s to Fl.G.5s
at: 14° 04.93' N., 120° 37.22' E.

Chart 4214 2Ed 12/02/1991 [Luzon Datum] Last NM 10(050)20

Amend characteristics of Nasugbu Light from Fl.5s to Fl.G.5s
at: 14° 05.02' N., 120° 37.14' E.

Chart 4255 2Ed 01/06/1975 Rev 06/17/1985 [Luzon Datum] Last NM 01(002)21

Amend characteristics of Nasugbu Light from Fl.5s to Fl.G.5s
at: 14° 05.02' N., 120° 37.14' E.

Chart 4257 1Ed 01/09/1956 Rev 01/12/1981 [Luzon Datum] Last NM 05(026)19

Amend characteristics of Nasugbu Light from Fl.5s to Fl.G.5s
at: 14° 05.02' N., 120° 37.14' E.

Chart 4706 2Ed 12/2010 [WGS-84 Datum] Last NM 02(005)21

Amend characteristics of Nasugbu Light from Fl.5s to Fl.G.5s
at: 14° 04.9' N., 120° 37.2' E.

Chart 4714 1Ed 09/14/1959 Rev 03/31/1986 [Luzon Datum] Last NM 02(005)21

Amend characteristics of Nasugbu Light from Fl.5s to Fl.G.5s
at: 14° 05.0' N., 120° 37.1' E.

Chart 4723A 2Ed 12/22/2018 [WGS-84 Datum] Last NM 01(002)21

Amend characteristics of Nasugbu Light from Fl.5s to Fl.G.5s
at: 14° 04.9' N., 120° 37.2' E.

ENC affected: PH2CVZ40
(PCG Data; HD 283/20)

NOTICES TO MARINERS

***02(007)21 – LUZON, N. COAST, Babuyan Channel – Extraction Area**

Chart 1508 1Ed 10/31/2020 [WGS-84 Datum]

Insert  *Extraction Area (see note)* joining: 18° 26.07' N., 121° 52.22' E.
18° 27.05' N., 121° 52.22' E.
18° 26.60' N., 121° 53.54' E.
18° 27.71' N., 121° 58.10' E.
18° 26.96' N., 121° 58.52' E.
18° 25.58' N., 121° 53.62' E.

legend, Extraction Area, centered at: 18° 15.60' N., 121° 37.30' E.

Chart 4228 1Ed 07/29/1938 Rev 02/13/1978 [Luzon Datum] Last NM 07(173)16

Insert  *Extraction Area (see note)* joining: 18° 26.18' N., 121° 52.14' E.
18° 27.16' N., 121° 52.15' E.
18° 26.72' N., 121° 53.47' E.
18° 27.83' N., 121° 58.03' E.
18° 27.07' N., 121° 58.45' E.
18° 25.70' N., 121° 53.54' E.

legend, Extraction Area, centered at: 18° 32.52' N., 121° 08.55' E.

Chart 4229 1Ed 06/24/1974 [Luzon Datum] Last NM 06(033)20

Insert  *Extraction Area (see note)* joining: 18° 26.18' N., 121° 52.14' E.
18° 27.16' N., 121° 52.15' E.
18° 26.72' N., 121° 53.47' E.
18° 27.83' N., 121° 58.03' E.
18° 27.07' N., 121° 58.45' E.
18° 25.70' N., 121° 53.54' E.

legend, Extraction Area, centered at: 18° 32.52' N., 121° 08.55' E.

ENC affected: PH2NLZ40
(Agbiag Mining and Development Corp; HD 005/20)

II
NOTICES TO MARINERS

To accompany Notice to Mariners 02(007)21

On Chart 1508

EXTRACTION AREA

Vessels engaged in offshore mining activities are frequently at work in the area. Offshore mining activities are expected to continue until 2046.

On Chart 4228

EXTRACTION AREA

Vessels engaged in offshore mining activities are frequently at work in the area. Offshore mining activities are expected to continue until 2046.

On Chart 4229

EXTRACTION AREA

Vessels engaged in offshore mining activities are frequently at work in the area. Offshore mining activities are expected to continue until 2046.

III
LIST OF LIGHTS CORRECTIONS

| NUMBER (1) | NAME (2) | POSITION (3) | CHARACTERISTICS (4) | Elev(m) (5) | Range(NM) (6) | STRUCTURE (7) | REMARKS (8) |
|-------------------------------|-------------|-----------------|------------------------------------|----------------|------------------|--|-----------------------------|
| REGION IV-B – MIMAROPA | | | | | | | |
| MINDORO ORIENTAL | | | | | | | |
| 0490 | F2549.3 | GUIMBUNAN | 12 54 14 N 121 28 58 E * | Fl R 5s | | Steel pole on white concrete post * | In WGS-84 Datum * |
| 0628 | F2549.5 | BONSUD | 12 51 42 N 121 29 23 E * | Fl W 5s | | Steel pole on Concrete * | In WGS-84 Datum * |

Note: Asterisk “ * ” indicates new information in the column above it.

III

COAST PILOT CORRECTIONS

Philippine Coast Pilot, 7th Ed. Volume 1

Chapter 5 – Luzon Island

Page 5-4, left column, line 44. Insert:

CAUTION – There is an extraction area for offshore mining operations about 10 miles N of the mouth of Buguey River. Mariners are advised to take necessary measures due to vessels engaged in mining activities in the area.

Chapter 6 – Mindoro and Lubang Islands

Page 6-13, right column, line 47. Replace by:

121° 29' 25"E.) is located on the shore end the pier. Guimbunan Light (12° 54' 35"N., 121° 28' 45"E.) is located about 2.5 miles N of Bonsud Light.

IV **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.

IV **NAVIGATIONAL WARNINGS**

Date: 12 January 2021

Reference: PCG NTM 003-2021 (HD 004/21)

MESSAGE

NAVPHIL 004/21 – LUZON, W. COAST, MANILA BAY – GEOTECHNICAL WORKS

ULTICON BUILDERS, INC. IS CONDUCTING GEOTECHNICAL INVESTIGATION WORKS FROM 11 JANUARY 2021 TO 31 JULY 2021 IN THE VICINITY WATER OF PASAY CITY IN MANILA BAY OR WITHIN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

| POINT | COORDINATES |
|-------|-------------------------------|
| 1 | 14° 33' 33"N., 120° 54' 22"E. |
| 2 | 14° 31' 31"N., 120° 55' 13"E. |
| 3 | 14° 32' 18"N., 120° 56' 41"E. |
| 4 | 14° 33' 38"N., 120° 55' 54"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.

CANCEL THIS NAVIGATIONAL WARNING ON 01 AUGUST 2021.

IV

NAVIGATIONAL WARNINGS

Date: 20 January 2021

Reference: PCG NTM 08-2021 (HD 009/21)

MESSAGE

NAVPHIL 009/20 – PHILIPPINE WATERS – CABLE ROUTE SURVEY

EGS ASIA INC., UTILIZING “FBCA DENNIS 9” AND “MBCA DENNIS CARGO”, WILL CONDUCT CABLE ROUTE SURVEY FROM 05 FEBRUARY 2021 TO 05 MAY 2021 AT THE FOLLOWING AREAS:

| Area of Activities | Coordinates |
|---|--|
| ABRA DE ILOG, OCCIDENTAL MINDORO | P1 13° 30' 22.50"N., 120° 44' 17.07"E. P2 13° 30' 34.97"N., 120° 44' 58.89"E. P3 13° 27' 53.70"N., 120° 45' 48.33"E. P4 13° 28' 01.42"N., 120° 45' 16.27"E. |
| LOOC, LUBANG IS., OCCIDENTAL MINDORO | P1 13° 45' 59.75"N., 120° 21' 05.45"E. P2 13° 42' 49.38"N., 120° 21' 27.53"E. P3 13° 42' 56.71"N., 120° 15' 27.12"E. P4 13° 43' 44.78"N., 120° 15' 27.16"E. |
| NASUGBU, BATANGAS | P1 14° 01' 32.58"N., 120° 35' 52.31"E. P2 14° 02' 31.20"N., 120° 36' 33.22"E. P3 14° 02' 32.62"N., 120° 37' 19.26"E. P4 14° 02' 19.54"N., 120° 37' 17.50"E. P5 14° 02' 09.48"N., 120° 37' 48.07"E. P6 14° 01' 07.15"N., 120° 36' 18.18"E. |
| LUCENA CTY, QUEZON | P1 13° 52' 51.79"N., 121° 38' 22.06"E. P2 13° 53' 58.43"N., 121° 37' 01.42"E. P3 13° 54' 09.49"N., 121° 37' 08.60"E. P4 13° 53' 03.18"N., 121° 38' 59.26"E. |

Continued to the next page

IV NAVIGATIONAL WARNINGS

| | |
|---|--|
| CATANAUAN, QUEZON | P1 13° 35' 23.11"N., 122° 12' 30.38"E. P2 13° 36' 03.87"N., 122° 13' 25.63"E. P3 13° 35' 51.30"N., 122° 13' 44.87"E. P4 13° 34' 51.74"N., 122° 12' 34.46"E. |
| ABUYON, QUEZON | P1 13° 38' 10.34"N., 122° 33' 58.84"E. P2 13° 37' 32.81"N., 122° 34' 03.67"E. P3 13° 37' 16.21"N., 122° 31' 28.28"E. P4 13° 37' 42.95"N., 122° 31' 12.11"E. |
| PASACAO, CAMARINES SUR | P1 13° 30' 24.11"N., 122° 59' 55.30"E. P2 13° 30' 57.55"N., 123° 00' 47.94"E. P3 13° 30' 50.08"N., 123° 01' 00.89"E. P4 13° 29' 03.47"N., 123° 00' 32.98"E. |
| SAN PASCUAL, BURIAS ISLAND, MASBATE | P1 13° 10' 10.35"N., 123° 00' 59.98"E. P2 13° 10' 14.84"N., 123° 02' 02.42"E. P3 13° 08' 15.16"N., 123° 01' 24.94"E. P4 13° 08' 16.66"N., 123° 01' 05.94"E. |
| PANTAO LIBON, ALBAY | P1 13° 11' 51.72"N., 123° 17' 23.78"E. P2 13° 12' 35.66"N., 123° 17' 32.90"E. P3 13° 11' 48.39"N., 123° 19' 33.03"E. P4 13° 11' 27.21"N., 123° 19' 16.68"E. |
| BULAN, SORSOGON | P1 12° 39' 47.03"N., 123° 50' 36.23"E. P2 12° 40' 32.07"N., 123° 52' 05.86"E. P3 12° 40' 01.90"N., 123° 52' 14.74"E. P4 12° 39' 18.21"N., 123° 50' 57.06"E. |
| SAN ISIDRO, NORTHERN SAMAR | P1 12° 18' 27.43"N., 124° 18' 49.49"E. P2 12° 18' 12.19"N., 124° 20' 39.36"E. P3 12° 17' 39.82"N., 124° 20' 44.65"E. P4 12° 17' 44.48"N., 124° 18' 44.39"E. |
| SAWANGA BACON, SORSOGON | P1 13° 03' 44.08"N., 124° 02' 44.29"E. P2 13° 03' 35.84"N., 124° 03' 08.16"E. P3 13° 02' 30.94"N., 124° 02' 35.91"E. P4 13° 02' 36.44"N., 124° 02' 15.31"E. |

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IV
NAVIGATIONAL WARNINGS

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|---|--|
| LEGASPI CITY, ALBAY | P1 13° 09' 14.26"N., 123° 46' 30.08"E. P2 13° 09' 01.03"N., 123° 46' 46.18"E. P3 13° 08' 05.73"N., 123° 45' 58.95"E. P4 13° 08' 19.05"N., 123° 45' 41.87"E. |
| MALAY, AKLAN | P1 11° 55' 09.05"N., 121° 53' 28.45"E. P2 11° 55' 31.34"N., 121° 53' 56.42"E. P3 11° 54' 52.17"N., 121° 54' 52.17"E. P4 11° 54' 07.48"N., 121° 54' 11.77"E. |
| TINOGBOC, SEMIRARA ISLAND, ANTIQUE | P1 12° 00' 06.82"N., 121° 25' 38.12"E. P2 11° 59' 33.17"N., 121° 25' 05.78"E. P3 12° 00' 08.60"N., 121° 24' 43.20"E. P4 12° 00' 25.24"N., 121° 25' 01.35"E. |
| BULALACAO, ORIENTAL MINDORO | P1 12° 17' 16.40"N., 121° 21' 27.65"E. P2 12° 17' 12.89"N., 121° 20' 45.56"E. P3 12° 18' 39.45"N., 121° 20' 27.68"E. P4 12° 19' 21.06"N., 121° 21' 06.76"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.

CANCEL THIS NAVIGATIONAL WARNING ON 06 MAY 2021.

IV **NAVIGATIONAL WARNINGS**

Date: 26 January 2021

Reference: PCG NTM 11 – 2021 (HD 010/21)

MESSAGE

NAVPHIL 010/21 – LUZON, W. COAST, MANILA BAY – INVESTIGATION SURVEY

BEN LINE AGENCIES PHILIPPINE INC., UTILIZING VESSEL “MB TRICIA NICOLE” WILL CONDUCT SEABED SOIL INVESTIGATION FROM 01 FEBRUARY TO 31 MAY 2021 OFF THE SHORE OF CAVITE OR IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

| POSITION | COORDINATES |
|----------|---------------------------------------|
| 1 | 14° 21' 02.776"N., 120° 41' 38.619"E. |
| 2 | 14° 26' 59.090"N., 120° 41' 38.134"E. |
| 3 | 14° 26' 59.411"N., 120° 46' 43.116"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.

CANCEL THIS NAVIGATIONAL WARNING ON 01 JUNE 2021.

IV **NAVIGATIONAL WARNINGS**

Date: 04 February 2021

Reference: BHSLSI Letter (HD 017/21)

MESSAGE

NAVPHIL 016/20 – LUZON, W. COAST, MANILA BAY – CONSTRUCTION WORKS

BLUE HORIZON SHIPPING AND LOGISTICS SERVICES, INC., UTILIZING PILING BARGE “JIN XIANG 3 HAO”, IS CONDUCTING THE CONSTRUCTION OF THE CAVITE BARGE TERMINAL FROM 25 JANUARY 2021 TO 24 MAY 2021 IN THE VICINITY WATERS OF BARANGAY CALABUYO, TANZA, CAVITE OR AT THIS POSITION:

14° 22' 02N., 120° 47' 53"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.

IV

NAVIGATIONAL WARNINGS

Date: 17 February 2021

Reference: PCG NTM 26 – 2021 (HD 021/21)

MESSAGE

NAVPHIL 019/21 – LUZON, W. COAST, LAGUNA DE BAY – HYDROGRAPHIC SURVEY

SUBSEA SERVICES INC., UTILIZING SURVEY BOAT “QUINTREX 510 FISHABOUT” IS CONDUCTING HYDROGRAPHIC SURVEY OFF CARDONA, RIZAL TO MORONG, RIZAL FROM 15 FEBRUARY TO 25 MARCH 2021 ALONG THE ROUTE DEFINED BY THE FOLLOWING COORDINATES:

| POSITION | COORDINATES |
|----------|-------------------------------|
| 0 | 14° 29' 15"N., 121° 14' 24"E. |
| 1 | 14° 29' 47"N., 121° 14' 31"E. |
| 2 | 14° 29' 39"N., 121° 14' 27"E. |
| 3 | 14° 29' 27"N., 121° 14' 27"E. |
| 4 | 14° 29' 22"N., 121° 14' 24"E. |
| 5 | 14° 29' 17"N., 121° 14' 23"E. |
| 6 | 14° 29' 22"N., 121° 14' 21"E. |
| 7 | 14° 29' 05"N., 121° 14' 20"E. |
| 8 | 14° 29' 01"N., 121° 14' 20"E. |
| 9 | 14° 28' 55"N., 121° 14' 19"E. |
| 10 | 14° 28' 46"N., 121° 14' 17"E. |
| 11 | 14° 28' 42"N., 121° 14' 16"E. |
| 12 | 14° 28' 38"N., 121° 14' 16"E. |
| 13 | 14° 28' 20"N., 121° 14' 09"E. |
| 14 | 14° 28' 10"N., 121° 13' 53"E. |
| 15 | 14° 28' 08"N., 121° 13' 45"E. |
| 16 | 14° 28' 11"N., 121° 13' 43"E. |
| 17 | 14° 28' 15"N., 121° 13' 40"E. |
| 18 | 14° 28' 15"N., 121° 13' 25"E. |
| 19 | 14° 28' 14"N., 121° 13' 09"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.

CANCEL THIS NAVIGATIONAL WARNING ON 26 MARCH 2021.

IV **NAVIGATIONAL WARNINGS**

Date: 17 February 2021

Reference: PCG NTM 27 and 28– 2021 (HD 022 and 023/21)

MESSAGE

NAVPHIL 020/21 – PHILIPPINE WATERS – GUNNERY

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

- A. PC379 ON 08 MARCH 2021 AT VICINITY 4.5 NAUTICAL MILES NORTHEAST OFF DIUATA POINT, CARMEN, AGUSTIN DEL NORTE IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:**

| | |
|-----------------|--------------------------------------|
| POINT A: | 09° 15.000'N., 125° 14.000'E. |
| POINT B: | 09° 10.000'N., 125° 14.000'E. |
| POINT C: | 09° 15.000'N., 125° 19.000'E. |
| POINT D: | 09° 10.000'N., 125° 19.000'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.

IV **NAVIGATIONAL WARNINGS**

Date: 17 February 2021

Reference: PCG NTM 031-2021 (HD 024/21)

MESSAGE

NAVPHIL 021/21 – LUZON, W. COAST, MANILA BAY – MARITIME EVENT

PHILIPPINE NAVY (PN) FLEET WILL CONDUCT 33RD CPF FLEET REVIEW WITH FLYBY ICOW ON 12 MARCH 2021 AT 1400H OFF CAVITE CITY IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

| POINT | COORDINATES |
|-------|-------------------------------|
| 1 | 14° 30.806'N., 120° 55.403'E. |
| 2 | 14° 30.405'N., 120° 52.901'E. |
| 3 | 14° 31.940'N., 120° 52.620'E. |
| 4 | 14° 32.340'N., 120° 55.140'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.

CANCEL THIS NAVIGATIONAL WARNING ON 13 MARCH 2021.

IV **NAVIGATIONAL WARNINGS**

Date: 17 February 2021

Reference: Safe Seas Shipping Agency Co Inc. Email (HD 025/21)

MESSAGE

NAVPHIL 022/21 – PHILIPPINE WATERS – ROUTINE INSPECTION

SHELL PHILIPPINE EXPLORATION (SPEX), UTILIZING “M/V SKANDI HAWKS”, WILL CONDUCT ROUTINE ANNUAL INSPECTION OF MALAMPAYA GAS EXPORT PIPELINE (GEP) ON 25 MARCH TO 16 JULY 2021. THE ACTIVITY WILL BE CONDUCTED BY SECTIONS ALONG THE SUBMARINE PIPELINE WITH THE FOLLOWING DETAILS:

| SECTION | COORDINATES |
|-----------|--|
| 1 | 11° 30.8'N., 119° 07.4'E. to 11° 29.6'N., 119° 13.5'E. |
| 2 | 11° 31.3'N., 119° 17.4'E. to 11° 36.9'N., 119° 33.1'E. |
| 3 | 11° 35.1'N., 120° 02.1'E. to 11° 48.3'N., 120° 42.4'E. |
| 4 | 11° 50.8'N., 120° 48.3'E. to 12° 25.4'N., 121° 38.3'E. |
| 5 | 12° 34.5'N., 121° 39.6'E. to 12° 53.3'N., 121° 38.6'E. |
| 6 | 13° 12.5'N., 121° 31.3'E. to 13° 21.8'N., 121° 21.1'E. |
| 7 | 13° 27.2'N., 121° 13.0'E. to 13° 37.5'N., 121° 00.5'E. |
| 8 | 13° 42.3'N., 121° 02.6'E. to 13° 43.0'N., 121° 03.5'E. |
| SWP | 11° 30.8'N., 119° 07.4'E. |
| SSMA | 11° 38.5'N., 118° 54.3'E. |
| CALM BUOY | 11° 32.9'N., 118° 06.3'E. |

ALL SHIPS/WATERCRAFTS TRANSITING THE ABOVE-MENTIONED AREAS ARE ADVISED TO OBSERVE A 500 METERS RADIUS DISTANCE FROM THE VESSEL AND TAKE NECESSARY PRECAUTIONARY MEASURES AT ALL TIMES.

CANCEL THIS NAVIGATIONAL WARNING ON 17 JULY 2021.

THIS CANCELS NAVPHIL 017/21.

IV NAVIGATIONAL WARNINGS

Date: 22 February 2021

Reference: PCG NTM 32-2021 (HD 026/21)

MESSAGE

NAVPHIL 023/21 – PHILIPPINE WATERS – SURVEY WORKS

MJAS ZENITH GEOMAPPING AND SURVEYING SERVICES, UTILIZING “MV NORTHERN ICE”, “MV PILAR TUNA DESTINY” AND “MV PILAR TUNA PASSION”, WILL CONDUCT SURVEY WORKS ON DATES AND PLACES AS INDICATED:

| TAYABAS BAY March to August 2021 | | |
|---|-----------------|------------------|
| Pos No. | Latitude | Longitude |
| 1 | 13° 55' 49.14"N | 121° 41' 36.73"E |
| 2 | 13° 34' 51.85"N | 121° 48' 10.83"E |
| 3 | 13° 29' 30.58"N | 121° 52' 03.42"E |
| 4 | 13° 24' 10.45"N | 121° 46' 53.41"E |
| 5 | 13° 31' 18.89"N | 121° 41' 21.73"E |
| 6 | 13° 53' 56.77"N | 121° 34' 05.49"E |

| Verde Island Passage and Tayabas Bay May to October 2021 | | |
|---|-----------------|------------------|
| Pos No. | Latitude | Longitude |
| 1 | 13° 38.674'N | 121° 07.907'E |
| 2 | 13° 32.705'N | 121° 23.881'E |
| 3 | 13° 19.545'N | 121° 36.331'E |
| 4 | 13° 04.128'N | 121° 38.958'E |
| 5 | 13° 00.128'N | 121° 34.977'E |
| 6 | 12° 58.522'N | 121° 29.078'E |
| 7 | 13° 05.927'N | 121° 29.766'E |
| 8 | 13° 07.330'N | 121° 32.866'E |
| 9 | 13° 15.574'N | 121° 29.211'E |
| 10 | 13° 26.958'N | 121° 18.714'E |
| 11 | 13° 35.649'N | 121° 00.894'E |
| 12 | 13° 38.911'N | 121° 00.541'E |
| 13 | 13° 37.887'N | 121° 04.132'E |

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NAVIGATIONAL WARNINGS

| Tablas Strait (Pinamalayan and Boracay Is) May to September 2021 | | |
|---|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 13° 05' 29.04"N | 121° 28' 07.28"E |
| 2 | 13° 05' 18.96"N | 121° 34' 57.67"E |
| 3 | 13° 01' 22.96"N | 121° 38' 59.97"E |
| 4 | 12° 47' 55.40"N | 121° 38' 17.87"E |
| 5 | 12° 41' 18.77"N | 121° 41' 10.08"E |
| 6 | 12° 33' 43.82"N | 121° 43' 55.78"E |
| 7 | 12° 24' 33.60"N | 121° 43' 35.10"E |
| 8 | 12° 15' 49.54"N | 121° 48' 05.60"E |
| 9 | 12° 10' 06.91"N | 121° 52' 19.54"E |
| 10 | 12° 03' 36.45"N | 121° 58' 32.81"E |
| 11 | 11° 59' 40.60"N | 121° 59' 35.22"E |
| 12 | 11° 55' 46.67"N | 121° 55' 08.33"E |
| 13 | 11° 59' 44.86"N | 121° 48' 07.94"E |
| 14 | 12° 06' 17.77"N | 121° 45' 29.83"E |
| 15 | 12° 14' 02.45"N | 121° 38' 38.10"E |
| 16 | 12° 23' 48.70"N | 121° 35' 49.43"E |
| 17 | 12° 46' 42.74"N | 121° 30' 43.80"E |
| 18 | 12° 58' 20.10"N | 121° 28' 56.99"E |

| Tablas Strait (Boracay Is and Caticlan) May to July 2021 | | |
|---|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 12° 02' 06.06"N | 121° 57' 33.62"E |
| 2 | 12° 00' 18.13"N | 121° 58' 43.54"E |
| 3 | 11° 58' 39.53"N | 122° 01' 07.50"E |
| 4 | 11° 54' 27.40"N | 122° 00' 07.82"E |
| 5 | 11° 53' 53.00"N | 121° 55' 12.80"E |
| 6 | 11° 56' 30.99"N | 121° 54' 25.10"E |
| 7 | 12° 00' 49.16"N | 121° 52' 27.49"E |

| Strait (Boac and Calatrava) March to August 2021 | | |
|---|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 13° 26' 11.85"N | 121° 52' 26.76"E |
| 2 | 13° 22' 13.38"N | 121° 49' 40.17"E |
| 3 | 13° 10' 02.99"N | 121° 50' 13.50"E |
| 4 | 13° 02' 33.50"N | 121° 47' 46.73"E |
| 5 | 12° 56' 39.15"N | 121° 52' 02.40"E |
| 6 | 12° 47' 30.31"N | 121° 55' 43.03"E |
| 7 | 12° 44' 30.04"N | 122° 04' 29.00"E |

Continued to the next page

IV NAVIGATIONAL WARNINGS

| | | |
|----|-----------------|------------------|
| 8 | 12° 37' 11.06"N | 122° 07' 25.05"E |
| 9 | 12° 35' 20.84"N | 122° 00' 11.00"E |
| 10 | 12° 39' 50.13"N | 121° 58' 30.93"E |
| 11 | 12° 41' 53.47"N | 121° 50' 24.48"E |
| 12 | 12° 53' 26.86"N | 121° 44' 53.67"E |
| 10 | 12° 39' 50.13"N | 121° 58' 30.93"E |
| 11 | 12° 41' 53.47"N | 121° 50' 24.48"E |
| 12 | 12° 53' 26.86"N | 121° 44' 53.67"E |
| 13 | 13° 01' 59.58"N | 121° 39' 57.79"E |
| 14 | 13° 10' 52.64"N | 121° 42' 27.62"E |
| 15 | 13° 25' 40.42"N | 121° 42' 44.87"E |
| 16 | 13° 30' 18.45"N | 121° 46' 18.22"E |

| Sibuyan Sea, Ragay Gulf March to September 2021 | | |
|--|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 12° 36' 37.54"N | 122° 00' 16.94"E |
| 2 | 12° 42' 16.35"N | 122° 00' 03.89"E |
| 3 | 12° 43' 56.35"N | 122° 00' 35.80"E |
| 4 | 12° 45' 18.00"N | 122° 02' 25.82"E |
| 5 | 12° 48' 37.30"N | 122° 14' 14.78"E |
| 6 | 13° 00' 17.27"N | 122° 28' 15.10"E |
| 7 | 13° 08' 23.20"N | 122° 36' 29.26"E |
| 8 | 13° 11' 21.35"N | 122° 40' 33.23"E |
| 9 | 13° 18' 39.81"N | 122° 42' 55.91"E |
| 10 | 13° 28' 36.73"N | 122° 54' 07.46"E |
| 11 | 13° 33' 41.43"N | 122° 58' 29.25"E |
| 12 | 13° 29' 44.30"N | 123° 04' 47.79"E |
| 13 | 13° 23' 12.91"N | 122° 59' 25.15"E |
| 14 | 13° 14' 37.46"N | 122° 49' 40.42"E |
| 15 | 13° 07' 35.07"N | 122° 47' 12.36"E |
| 16 | 13° 02' 58.95"N | 122° 42' 10.05"E |
| 17 | 12° 54' 34.67"N | 122° 33' 14.22"E |
| 18 | 12° 42' 10.79"N | 122° 17' 15.38"E |
| 19 | 12° 40' 48.01"N | 122° 06' 28.60"E |
| 20 | 12° 37' 21.47"N | 122° 06' 52.22"E |

| Sibuyan Sea March to August 2021 | | |
|---|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 12° 38' 03.57"N | 121° 59' 45.52"E |
| 2 | 12° 46' 04.25"N | 122° 04' 34.71"E |
| 3 | 12° 45' 00.53"N | 122° 17' 13.25"E |
| 4 | 12° 35' 13.78"N | 122° 25' 54.75"E |

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IV

NAVIGATIONAL WARNINGS

| | | |
|-----------|------------------------|-------------------------|
| 5 | 12° 23' 54.10"N | 122° 25' 43.92"E |
| 6 | 12° 13' 27.66"N | 122° 31' 13.83"E |
| 7 | 11° 46' 32.09"N | 122° 46' 53.02"E |
| 8 | 11° 40' 02.74"N | 122° 51' 51.94"E |
| 9 | 11° 33' 28.64"N | 122° 48' 15.97"E |
| 10 | 11° 37' 28.84"N | 122° 41' 53.13"E |
| 11 | 11° 43' 28.21"N | 122° 39' 48.26"E |
| 12 | 12° 10' 29.99"N | 122° 24' 07.08"E |
| 13 | 12° 21' 49.17"N | 122° 18' 12.67"E |
| 14 | 12° 32' 26.54"N | 122° 18' 38.48"E |
| 15 | 12° 38' 06.70"N | 122° 13' 48.53"E |
| 16 | 12° 39' 36.81"N | 122° 08' 29.77"E |
| 17 | 12° 35' 39.24"N | 122° 07' 08.32"E |

| Ticao Pass and Masbate Pass | | |
|------------------------------------|------------------------|-------------------------|
| May to October 2021 | | |
| | Latitude | Longitude |
| 1 | 12° 11' 01.09"N | 123° 51' 42.71"E |
| 2 | 12° 13' 58.26"N | 123° 53' 06.69"E |
| 3 | 12° 28' 59.42"N | 123° 47' 10.09"E |
| 4 | 12° 37' 58.16"N | 123° 45' 15.93"E |
| 5 | 12° 43' 35.90"N | 123° 50' 33.75"E |
| 6 | 12° 37' 43.28"N | 123° 55' 15.52"E |
| 7 | 12° 35' 35.84"N | 123° 52' 33.23"E |
| 8 | 12° 31' 10.50"N | 123° 54' 33.68"E |
| 9 | 12° 12' 55.07"N | 124° 00' 40.78"E |
| 10 | 12° 06' 54.97"N | 123° 58' 07.63"E |

| Visayan Sea | | |
|------------------------------|------------------------|-------------------------|
| May to September 2021 | | |
| | Latitude | Longitude |
| 1 | 12° 12' 59.57"N | 123° 54' 42.12"E |
| 2 | 12° 12' 18.19"N | 124° 17' 09.44"E |
| 3 | 12° 12' 49.38"N | 124° 19' 05.30"E |
| 4 | 12° 04' 20.49"N | 124° 30' 06.07"E |
| 5 | 12° 04' 01.52"N | 124° 32' 06.88"E |
| 6 | 12° 06' 45.85"N | 124° 34' 46.67"E |
| 7 | 12° 01' 13.36"N | 124° 39' 53.36"E |
| 8 | 11° 56' 39.16"N | 124° 34' 14.55"E |
| 9 | 11° 57' 12.05"N | 124° 27' 31.30"E |
| 10 | 12° 04' 42.93"N | 124° 16' 46.07"E |
| 11 | 12° 05' 26.83"N | 123° 55' 08.37"E |

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NAVIGATIONAL WARNINGS

| Visayan Sea (Placer and Roxas City) March to August 2021 | | |
|---|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 11° 38' 35.61"N | 122° 42' 24.15"E |
| 2 | 11° 44' 26.36"N | 122° 50' 13.53"E |
| 3 | 11° 43' 48.29"N | 122° 59' 35.85"E |
| 4 | 11° 47' 42.34"N | 123° 09' 07.28"E |
| 5 | 11° 50' 03.69"N | 123° 19' 20.79"E |
| 6 | 11° 51' 20.78"N | 123° 26' 54.07"E |
| 7 | 11° 44' 08.84"N | 123° 38' 02.79"E |
| 8 | 11° 40' 52.43"N | 123° 46' 51.87"E |
| 9 | 11° 54' 02.45"N | 123° 51' 27.07"E |
| 10 | 11° 50' 51.09"N | 123° 58' 14.89"E |
| 11 | 11° 34' 54.65"N | 123° 51' 58.45"E |
| 12 | 11° 37' 09.29"N | 123° 34' 52.01"E |
| 13 | 11° 43' 43.94"N | 123° 25' 22.61"E |
| 14 | 11° 42' 30.96"N | 123° 20' 58.30"E |
| 15 | 11° 40' 14.27"N | 123° 10' 59.28"E |
| 16 | 11° 36' 06.35"N | 123° 00' 55.09"E |
| 17 | 11° 36' 57.99"N | 122° 51' 42.69"E |
| 18 | 11° 32' 57.83"N | 122° 47' 31.47"E |

| Visayan Sea (Placer and Palompon) March to August 2021 | | |
|---|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 11° 52' 24.58"N | 123° 58' 24.40"E |
| 2 | 11° 47' 48.32"N | 123° 57' 58.49"E |
| 3 | 11° 32' 35.06"N | 124° 13' 53.12"E |
| 4 | 11° 05' 11.61"N | 124° 26' 13.21"E |
| 5 | 11° 01' 30.31"N | 124° 19' 45.20"E |
| 6 | 11° 28' 57.52"N | 124° 07' 03.81"E |
| 7 | 11° 45' 49.97"N | 123° 50' 31.63"E |
| 8 | 11° 53' 34.61"N | 123° 51' 07.52"E |

| Guimaras Strait (Iloilo City and Bacolod City) April to September 2021 | | |
|---|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 10° 49' 37.10"N | 122° 43' 49.19"E |
| 2 | 10° 46' 51.85"N | 122° 44' 17.56"E |
| 3 | 10° 49' 12.53"N | 122° 53' 33.61"E |
| 4 | 10° 46' 52.06"N | 122° 59' 22.45"E |
| 5 | 10° 40' 29.75"N | 122° 57' 21.80"E |
| 6 | 10° 41' 59.61"N | 122° 53' 52.02"E |
| 7 | 10° 40' 01.02"N | 122° 44' 16.34"E |
| 8 | 10° 42' 47.36"N | 122° 38' 59.52"E |
| 9 | 10° 48' 11.56"N | 122° 37' 25.78"E |

Continued to the next page

IV NAVIGATIONAL WARNINGS

| Tañon Strait (San Carlos and Toledo) April to August 2021 | | |
|--|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 10° 32' 15.18"N | 123° 27' 25.16"E |
| 2 | 10° 24' 39.40"N | 123° 40' 02.55"E |
| 3 | 10° 19' 25.59"N | 123° 34' 48.05"E |
| 4 | 10° 27' 00.22"N | 123° 23' 16.95"E |

| Camotes Sea (Palompon and Liloan) March to August 2021 | | |
|---|-----------------|------------------|
| | Latitude | Longitude |
| 1 | 11° 01' 05.91"N | 124° 24' 48.97"E |
| 2 | 10° 59' 40.53"N | 124° 21' 47.42"E |
| 3 | 10° 50' 22.43"N | 124° 19' 57.75"E |
| 4 | 10° 42' 09.08"N | 124° 18' 52.66"E |
| 5 | 10° 25' 57.52"N | 124° 10' 15.12"E |
| 6 | 10° 20' 35.14"N | 124° 00' 39.59"E |
| 7 | 10° 27' 40.90"N | 123° 58' 25.56"E |
| 8 | 10° 31' 37.27"N | 124° 05' 04.29"E |
| 9 | 10° 44' 52.03"N | 124° 11' 41.66"E |
| 10 | 10° 52' 39.53"N | 124° 12' 33.18"E |
| 11 | 11° 05' 54.90"N | 124° 17' 38.36"E |
| 12 | 11° 07' 50.10"N | 124° 22' 30.60"E |

| Camotes Sea (Liloan and Maasin) April to October 2021 | | |
|--|--------------|---------------|
| | Latitude | Longitude |
| 1 | 10° 27.818'N | 124° 00.889'E |
| 2 | 10° 26.709'N | 124° 16.449'E |
| 3 | 10° 26.118'N | 124° 25.954'E |
| 4 | 10° 20.514'N | 124° 44.775'E |
| 5 | 10° 17.773'N | 124° 47.436'E |
| 6 | 10° 10.926'N | 124° 47.066'E |
| 7 | 10° 10.378'N | 124° 53.976'E |
| 8 | 10° 05.169'N | 124° 54.426'E |
| 9 | 10° 03.047'N | 124° 48.894'E |
| 10 | 10° 03.891'N | 124° 43.216'E |
| 11 | 10° 07.660'N | 124° 40.090'E |
| 12 | 10° 14.743'N | 124° 37.146'E |
| 13 | 10° 18.815'N | 124° 24.002'E |
| 14 | 10° 20.816'N | 123° 58.545'E |
| 15 | 10° 24.407'N | 123° 59.703'E |

Continued to the next page

IV

NAVIGATIONAL WARNINGS

| Cebu Strait (Talisay and Tagbilaran) April to September 2021 | | |
|---|------------------------|-------------------------|
| | Latitude | Longitude |
| 1 | 10° 16' 06.74"N | 123° 52' 45.58"E |
| 2 | 10° 10' 26.26"N | 123° 54' 37.48"E |
| 3 | 09° 48' 28.41"N | 123° 45' 40.45"E |
| 4 | 09° 45' 36.19"N | 123° 47' 33.14"E |
| 5 | 09° 44' 23.56"N | 123° 53' 21.00"E |
| 6 | 09° 37' 26.57"N | 123° 50' 54.09"E |
| 7 | 09° 39' 36.96"N | 123° 42' 45.98"E |
| 8 | 09° 46' 19.65"N | 123° 38' 20.77"E |
| 9 | 10° 09' 09.24"N | 123° 47' 07.71"E |
| 10 | 10° 13' 59.61"N | 123° 45' 32.86"E |

| Camotes Sea (Liloan and Maasin) April to October 2021 | | |
|--|---------------------|----------------------|
| | Latitude | Longitude |
| 1 | 10° 09.129'N | 124° 53.365'E |
| 2 | 09° 56.230'N | 125° 05.962'E |
| 3 | 09° 53.314'N | 125° 11.664'E |
| 4 | 09° 51.124'N | 125° 27.117'E |
| 5 | 09° 47.262'N | 125° 29.929'E |
| 6 | 09° 47.408'N | 125° 26.418'E |
| 7 | 09° 44.645'N | 125° 24.012'E |
| 8 | 09° 46.478'N | 125° 08.782'E |
| 9 | 09° 49.729'N | 125° 01.655'E |
| 10 | 09° 59.562'N | 124° 50.185'E |
| 11 | 10° 05.529'N | 124° 47.072'E |
| 12 | 10° 07.764'N | 124° 47.289'E |

| Hinatuan Passage (Claver Is. and Siargao Is.) May to October 2021 | | |
|--|------------------------|-------------------------|
| | Latitude | Longitude |
| 1 | 09° 23' 04.99"N | 125° 53' 19.92"E |
| 2 | 09° 29' 05.15"N | 125° 56' 09.33"E |
| 3 | 09° 34' 21.55"N | 125° 59' 55.61"E |
| 4 | 09° 35' 36.09"N | 126° 01' 24.76"E |
| 5 | 09° 37' 54.79"N | 126° 01' 58.09"E |
| 6 | 09° 42' 13.23"N | 126° 02' 47.11"E |
| 7 | 09° 44' 56.19"N | 126° 01' 24.05"E |
| 8 | 09° 46' 52.48"N | 126° 08' 03.63"E |

Continued to the next page

| | | |
|----------|------------------------|-------------------------|
| 9 | 09° 42' 18.34"N | 126° 09' 49.69"E |
| 28 | | |

IV

NAVIGATIONAL WARNINGS

| | | |
|-----------|------------------------|-------------------------|
| 10 | 09° 38' 56.06"N | 126° 08' 36.52"E |
| 11 | 09° 35' 05.37"N | 126° 08' 24.89"E |
| 12 | 09° 30' 18.67"N | 126° 05' 41.73"E |
| 13 | 09° 25' 37.87"N | 126° 01' 58.68"E |
| 14 | 09° 19' 57.81"N | 125° 59' 30.56"E |

| Bohol Sea – Iligan Reef – Macajalar Bay (Dipolog City and Cagayan De Oro) April to September 2021 | | |
|--|------------------------|-------------------------|
| | Latitude | Longitude |
| 1 | 08° 31' 42.33"N | 123° 18' 22.78"E |
| 2 | 08° 34' 50.08"N | 123° 16' 35.35"E |
| 3 | 08° 46' 58.61"N | 123° 18' 24.56"E |
| 4 | 08° 49' 35.81"N | 123° 24' 01.71"E |
| 5 | 08° 47' 26.70"N | 123° 38' 41.53"E |
| 6 | 08° 48' 08.74"N | 123° 56' 23.71"E |
| 7 | 08° 43' 27.51"N | 124° 11' 32.29"E |
| 8 | 08° 43' 26.50"N | 124° 15' 44.08"E |
| 9 | 08° 42' 28.98"N | 124° 21' 14.37"E |
| 10 | 08° 42' 36.02"N | 124° 30' 48.16"E |
| 11 | 08° 32' 45.67"N | 124° 42' 01.32"E |
| 12 | 08° 28' 18.82"N | 124° 41' 57.44"E |
| 13 | 08° 31' 04.83"N | 124° 35' 11.57"E |
| 14 | 08° 35' 30.08"N | 124° 28' 46.63"E |
| 15 | 08° 35' 28.57"N | 124° 20' 33.58"E |
| 16 | 08° 36' 35.23"N | 124° 15' 27.87"E |
| 17 | 08° 36' 30.62"N | 124° 11' 07.34"E |
| 18 | 08° 39' 06.02"N | 123° 59' 05.34"E |
| 19 | 08° 40' 54.11"N | 123° 55' 40.81"E |
| 20 | 08° 39' 23.44"N | 123° 51' 22.76"E |
| 21 | 08° 40' 24.23"N | 123° 38' 04.60"E |
| 22 | 08° 41' 57.12"N | 123° 26' 36.39"E |
| 23 | 08° 43' 07.58"N | 123° 24' 18.49"E |
| 24 | 08° 34' 14.28"N | 123° 23' 37.57"E |

| Gingoog Bay – Bohol Sea (Misamis Oriental and Camiguin Island) May to October 2021 | | |
|---|------------------------|-------------------------|
| | Latitude | Longitude |
| 1 | 09° 07' 27.79"N | 124° 39' 53.21"E |
| 2 | 09° 03' 13.47"N | 124° 40' 32.83"E |
| 3 | 08° 57' 04.86"N | 124° 46' 12.10"E |

Continued to the next page

IV

NAVIGATIONAL WARNINGS

| | | |
|----------|------------------------|-------------------------|
| 4 | 09° 00' 30.57"N | 124° 49' 55.78"E |
| 5 | 09° 06' 01.43"N | 124° 47' 23.53"E |
| 6 | 09° 04' 39.72"N | 124° 46' 08.89"E |
| 7 | 09° 06' 08.39"N | 124° 44' 36.93"E |

| Sulu Sea (West of Zamboanga) | | |
|-------------------------------------|------------------------|-------------------------|
| June to October 2021 | | |
| | Latitude | Longitude |
| 1 | 08° 07' 35.18"N | 122° 47' 43.43"E |
| 2 | 08° 07' 01.04"N | 122° 37' 34.00"E |
| 3 | 08° 05' 09.69"N | 122° 19' 40.60"E |
| 4 | 08° 00' 12.43"N | 122° 12' 01.09"E |
| 5 | 07° 48' 16.89"N | 122° 06' 59.28"E |
| 6 | 07° 33' 48.96"N | 122° 04' 53.61"E |
| 7 | 07° 06' 24.88"N | 121° 53' 19.01"E |
| 8 | 06° 59' 12.97"N | 121° 55' 28.53"E |
| 9 | 06° 56' 42.07"N | 121° 57' 29.92"E |
| 10 | 06° 54' 06.43"N | 122° 04' 29.49"E |
| 11 | 06° 51' 36.78"N | 122° 00' 22.10"E |
| 12 | 06° 54' 55.66"N | 121° 50' 25.47"E |
| 13 | 07° 05' 19.05"N | 121° 45' 45.29"E |
| 14 | 07° 36' 44.88"N | 121° 57' 29.72"E |
| 15 | 07° 51' 03.66"N | 122° 00' 17.50"E |
| 16 | 08° 05' 32.40"N | 122° 06' 30.95"E |
| 17 | 08° 12' 28.81"N | 122° 18' 51.07"E |
| 18 | 08° 14' 19.73"N | 122° 41' 12.96"E |
| 19 | 08° 12' 43.92"N | 122° 46' 46.71"E |

| Sulu Sea | | |
|---|------------------------|-------------------------|
| (West of Zamboanga – Liloy to Dipolog City) | | |
| April to October 2021 | | |
| | Latitude | Longitude |
| 1 | 08° 15' 27.47"N | 122° 40' 10.62"E |
| 2 | 08° 08' 19.19"N | 122° 49' 52.37"E |
| 3 | 08° 28' 08.53"N | 123° 00' 39.86"E |
| 4 | 08° 31' 46.96"N | 123° 06' 18.61"E |
| 5 | 08° 33' 00.03"N | 123° 19' 07.20"E |
| 6 | 08° 38' 41.20"N | 123° 18' 54.36"E |
| 7 | 08° 36' 15.47"N | 122° 58' 41.95"E |
| 8 | 08° 23' 38.98"N | 122° 49' 27.85"E |

Continued to the next page

IV NAVIGATIONAL WARNINGS

| Sulu Sea (Dipolog to Negros Oriental) April to September 2021 | | |
|--|------------------------|-------------------------|
| | Latitude | Longitude |
| 1 | 09° 08' 38.98"N | 123° 14' 09.10"E |
| 2 | 09° 06' 43.35"N | 123° 15' 30.95"E |
| 3 | 08° 56' 52.84"N | 123° 18' 05.69"E |
| 4 | 08° 51' 23.96"N | 123° 17' 26.92"E |
| 5 | 08° 46' 57.28"N | 123° 21' 50.36"E |
| 6 | 08° 40' 56.00"N | 123° 23' 01.42"E |
| 7 | 08° 37' 06.35"N | 123° 22' 37.15"E |
| 8 | 08° 31' 45.32"N | 123° 18' 27.71"E |
| 9 | 08° 34' 43.25"N | 123° 16' 40.65"E |
| 10 | 08° 40' 25.20"N | 123° 16' 20.49"E |
| 11 | 08° 44' 52.07"N | 123° 15' 29.28"E |
| 12 | 08° 50' 59.61"N | 123° 10' 40.33"E |
| 13 | 08° 57' 02.69"N | 123° 11' 10.32"E |
| 14 | 09° 04' 14.37"N | 123° 09' 07.79"E |

| Bohol Sea (Bacayon to Cagayan De Oro) April to September 2021 | | |
|--|------------------------|-------------------------|
| | Latitude | Longitude |
| 1 | 09° 37' 31.33"N | 123° 59' 20.03"E |
| 2 | 09° 33' 30.05"N | 123° 58' 55.46"E |
| 3 | 09° 30' 31.97"N | 124° 02' 17.40"E |
| 4 | 09° 25' 08.38"N | 124° 03' 47.60"E |
| 5 | 09° 09' 39.33"N | 124° 17' 28.70"E |
| 6 | 09° 00' 12.53"N | 124° 22' 42.53"E |
| 7 | 08° 51' 37.58"N | 124° 37' 08.50"E |
| 8 | 08° 32' 38.44"N | 124° 44' 28.54"E |
| 9 | 08° 27' 32.84"N | 124° 41' 13.55"E |
| 10 | 08° 31' 46.17"N | 124° 35' 18.15"E |
| 11 | 08° 34' 47.18"N | 124° 37' 17.25"E |
| 12 | 08° 46' 10.68"N | 124° 31' 51.27"E |
| 13 | 08° 55' 10.02"N | 124° 16' 52.07"E |
| 14 | 09° 05' 45.65"N | 124° 10' 58.60"E |
| 15 | 09° 21' 25.26"N | 123° 56' 59.12"E |
| 16 | 09° 26' 45.14"N | 123° 55' 25.95"E |
| 17 | 09° 31' 26.28"N | 123° 51' 31.22"E |
| 18 | 09° 38' 33.68"N | 123° 52' 06.93"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.

CANCEL THIS NAVIGATIONAL WARNING ON 01 NOVEMBER 2021.

IV

NAVIGATIONAL WARNINGS

Date: 22 February 2021

Reference: BHSLSI Letter (HD 027/21)

MESSAGE

NAVPHIL 024/21 – PHILIPPINE WATERS – CABLE SURVEY

BLUE HORIZON SHIPPING AND LOGISTICS SERVICES, INC., UTILIZING THE VESSEL “MV MIRAERO”, IS CONDUCTING CABLE SURVEY ACTIVITIES FOR DITO TELECOMMUNITY CORP. FROM 21 FEBRUARY TO 20 APRIL 2021 ALONG THE ROUTES WITH THE FOLLOWING DETAILS:

POSITION COORDINATES BATANGAS TO PINAMALAYAN

| | | |
|----|----------------|----------------|
| 1 | 13° 38.963'N., | 121° 02.743'E. |
| 2 | 13° 39.027'N., | 121° 01.998'E. |
| 3 | 13° 37.261'N., | 121° 01.772'E. |
| 4 | 13° 34.526'N., | 121° 09.702'E. |
| 5 | 13° 32.901'N., | 121° 14.843'E. |
| 6 | 13° 29.375'N., | 121° 22.734'E. |
| 7 | 13° 26.945'N., | 121° 26.698'E. |
| 8 | 13° 12.375'N., | 121° 35.727'E. |
| 9 | 13° 01.011'N., | 121° 33.929'E. |
| 10 | 13° 01.848'N., | 121° 29.436'E. |

PINAMALAYAN TO NABAS

| | | |
|----|----------------|----------------|
| 1 | 13° 01.848'N., | 121° 29.436'E. |
| 2 | 12° 56.536'N., | 121° 36.046'E. |
| 3 | 12° 42.676'N., | 121° 38.155'E. |
| 4 | 12° 32.773'N., | 121° 41.855'E. |
| 5 | 12° 17.654'N., | 121° 44.683'E. |
| 6 | 12° 07.098'N., | 121° 48.398'E. |
| 7 | 12° 02.493'N., | 121° 52.803'E. |
| 8 | 12° 01.050'N., | 121° 57.925'E. |
| 9 | 11° 59.551'N., | 122° 00.279'E. |
| 10 | 11° 55.534'N., | 122° 02.342'E. |
| 11 | 11° 53.369'N., | 122° 03.652'E. |
| 12 | 11° 51.533'N., | 122° 02.733'E. |

ROXAS TO NABAS

| | | |
|---|----------------|----------------|
| 1 | 11° 36.352'N., | 122° 45.714'E. |
| 2 | 11° 38.179'N., | 122° 45.997'E. |
| 3 | 11° 39.834'N., | 122° 47.051'E. |

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IV

NAVIGATIONAL WARNINGS

ROXAS TO NABAS

| | | |
|----|----------------|----------------|
| 4 | 11° 40.232'N., | 122° 47.072'E. |
| 5 | 11° 40.530'N., | 122° 46.842'E. |
| 6 | 11° 41.920'N., | 122° 45.494'E. |
| 7 | 11° 45.399'N., | 122° 42.302'E. |
| 8 | 11° 46.055'N., | 122° 41.749'E. |
| 9 | 11° 53.303'N., | 122° 35.200'E. |
| 10 | 12° 00.482'N., | 122° 19.788'E. |
| 11 | 12° 00.661'N., | 122° 16.665'E. |
| 12 | 11° 59.470'N., | 122° 14.445'E. |
| 13 | 11° 56.659'N., | 122° 11.548'E. |
| 14 | 11° 54.455'N., | 122° 09.136'E. |
| 15 | 11° 53.858'N., | 122° 07.599'E. |
| 16 | 11° 52.873'N., | 122° 04.794'E. |
| 17 | 11° 51.533'N., | 122° 02.733'E. |

ROXAS TO DAANBANTAYAN

| | | |
|----|----------------|----------------|
| 1 | 11° 36.352'N., | 122° 45.714'E. |
| 2 | 11° 39.951'N., | 122° 47.631'E. |
| 3 | 11° 45.148'N., | 122° 53.939'E. |
| 4 | 11° 46.287'N., | 123° 00.237'E. |
| 5 | 11° 46.708'N., | 123° 04.880'E. |
| 6 | 11° 47.199'N., | 123° 11.432'E. |
| 7 | 11° 46.504'N., | 123° 20.280'E. |
| 8 | 11° 45.277'N., | 123° 27.369'E. |
| 9 | 11° 42.302'N., | 123° 32.391'E. |
| 10 | 11° 37.987'N., | 123° 36.634'E. |
| 11 | 11° 29.861'N., | 123° 44.920'E. |
| 12 | 11° 26.876'N., | 123° 50.748'E. |
| 13 | 11° 22.593'N., | 123° 55.371'E. |
| 14 | 11° 19.252'N., | 123° 56.360'E. |
| 15 | 11° 16.715'N., | 123° 57.197'E. |
| 16 | 11° 15.599'N., | 123° 59.798'E. |

MATNOG TO ALLEN

| | | |
|----|----------------|----------------|
| 1 | 12° 35.322'N., | 124° 05.738'E. |
| 2 | 12° 35.388'N., | 124° 06.830'E. |
| 3 | 12° 35.600'N., | 124° 08.009'E. |
| 4 | 12° 35.154'N., | 124° 09.575'E. |
| 5 | 12° 34.896'N., | 124° 10.543'E. |
| 6 | 12° 34.299'N., | 124° 12.694'E. |
| 7 | 12° 33.963'N., | 124° 14.199'E. |
| 8 | 12° 33.774'N., | 124° 15.493'E. |
| 9 | 12° 33.962'N., | 124° 16.226'E. |
| 10 | 12° 33.922'N., | 124° 16.401'E. |

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IV NAVIGATIONAL WARNINGS

TALISAY TO DUMAGUETE

| | | |
|----|----------------|----------------|
| 1 | 10° 14.512'N., | 123° 50.917'E. |
| 2 | 10° 14.013'N., | 123° 51.092'E. |
| 3 | 10° 13.319'N., | 123° 51.460'E. |
| 4 | 10° 10.808'N., | 123° 50.220'E. |
| 5 | 10° 09.348'N., | 123° 47.276'E. |
| 6 | 09° 56.146'N., | 123° 42.090'E. |
| 7 | 09° 39.937'N., | 123° 36.187'E. |
| 8 | 09° 21.406'N., | 123° 23.336'E. |
| 9 | 09° 18.856'N., | 123° 20.368'E. |
| 10 | 09° 15.075'N., | 123° 18.384'E. |
| 11 | 09° 14.926'N., | 123° 17.842'E. |

DUMAGUETE TO CAGAYAN DE ORO

| | | |
|----|----------------|----------------|
| 1 | 09° 14.926'N., | 123° 17.842'E. |
| 2 | 09° 14.869'N., | 123° 18.697'E. |
| 3 | 09° 10.311'N., | 123° 24.291'E. |
| 4 | 09° 03.293'N., | 123° 32.665'E. |
| 5 | 09° 01.497'N., | 123° 36.984'E. |
| 6 | 09° 00.160'N., | 123° 51.568'E. |
| 7 | 08° 57.290'N., | 124° 07.445'E. |
| 8 | 08° 53.430'N., | 124° 20.984'E. |
| 9 | 08° 45.916'N., | 124° 34.960'E. |
| 10 | 08° 40.902'N., | 124° 37.383'E. |
| 11 | 08° 38.030'N., | 124° 37.553'E. |
| 12 | 08° 34.950'N., | 124° 36.745'E. |
| 13 | 08° 32.715'N., | 124° 38.609'E. |
| 14 | 08° 31.047'N., | 124° 38.770'E. |
| 15 | 08° 30.674'N., | 124° 38.602'E. |

BUENAVISTA TO MAASIN

| | | |
|----|----------------|----------------|
| 1 | 08° 58.838'N., | 125° 24.589'E. |
| 2 | 08° 59.097'N., | 125° 25.001'E. |
| 3 | 09° 00.000'N., | 125° 25.597'E. |
| 4 | 09° 01.377'N., | 125° 25.336'E. |
| 5 | 09° 04.074'N., | 125° 24.421'E. |
| 6 | 09° 06.416'N., | 125° 24.294'E. |
| 7 | 09° 08.665'N., | 125° 21.663'E. |
| 8 | 09° 19.284'N., | 125° 13.863'E. |
| 9 | 09° 30.555'N., | 125° 08.185'E. |
| 10 | 09° 36.650'N., | 125° 05.248'E. |
| 11 | 09° 41.722'N., | 125° 03.261'E. |
| 12 | 09° 51.861'N., | 124° 56.629'E. |

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IV **NAVIGATIONAL WARNINGS**

BUENAVISTA TO MAASIN

| | | |
|----|----------------|----------------|
| 13 | 10° 04.241'N., | 124° 51.174'E. |
| 14 | 10° 05.698'N., | 124° 51.300'E. |
| 15 | 10° 06.750'N., | 124° 52.265'E. |
| 16 | 10° 07.599'N., | 124° 52.726'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.

CANCEL THIS NAVIGATIONAL WARNING ON 21 APRIL 2021

IV NAVIGATIONAL WARNINGS

Date: 23 February 2021

Reference: DMG LSS Email (HD 028/21)

MESSAGE

NAVPHIL 025/21 – PHILIPPINE WATERS – CABLE ROUTE SURVEY

FUGRO SINGAPORE MARINE PTE LTD. (FUGRO), UTILIZING “MV ENDEAVOUR”, WILL CONDUCT CABLE ROUTE SURVEY FROM 25 FEBRUARY TO 24 APRIL 2021 ALONG THE FOLLOWING ROUTES:

| Landfall | From | To |
|---------------------------------|--|--|
| Mahigugmaon to Baod | 10° 57' 39"N., 123° 18' 16"E. | 11° 12' 50"N., 123° 41' 56"E. |
| Santa Fe to Agujo | 11° 09' 07"N., 123° 48' 16"E. | 11° 15' 36"N., 123° 59' 48"E. |
| Banate to Banago | 11° 00' 04"N., 122° 49' 20"E. | 10° 42' 41"N., 122° 56' 55"E. |
| Looc to Camotes | 10° 24' 21"N., 123° 59' 57"E. | 10° 35' 22"N., 124° 18' 24"E. |
| Camotes to Cambalanding | 10° 35' 22"N., 124° 18' 24"E. | 10° 56' 31"N., 124° 40' 49"E. |
| Cangmating to Boljoon | 09° 20' 53"N., 123° 18' 05"E. | 09° 37' 27"N., 123° 28' 50"E. |
| Mantuyop to Dipolog | 09° 02' 53"N., 123° 01' 44"E. | 08° 35' 07"N., 123° 20' 12"E. |
| Coron to Bubog | 12° 05' 47"N., 120° 18' 34"E. | 12° 22' 17"N., 121° 01' 53"E. |
| Socorro to Tayaga | 09° 38' 43"N., 125° 54' 21"E. | 09° 34' 49"N., 125° 44' 19"E. |
| Talisay to Socorro | 09° 58' 32"N., 126° 01' 17"E. | 09° 38' 43"N., 125° 54' 21"E. |
| Cagdianao to Talisay | 09° 56' 22"N., 125° 40' 06"E. | 09° 58' 32"N., 126° 01' 17"E. |
| Flordeliz to Punta Bilar | 10° 02' 41"N., 124° 58' 14"E. | 09° 49' 21"N., 125° 26' 45"E. |
| Punta Bilar to San Jose | 09° 49' 21"N., 125° 26' 45"E. | 10° 01' 14"N., 125° 34' 19"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.

CANCEL THIS NAVIGATIONAL WARNING ON 25 APRIL 2021.

IV
NAVIGATIONAL WARNINGS

Date: 23 February 2021

Reference: PCG NTM 36-2021 (HD 028/21)

MESSAGE

NAVPHIL 026/21 – PHILIPPINE WATERS – CABLE ROUTE SURVEY

FUGRO SINGAPORE MARINE PTE LTD. (FUGRO), UTILIZING THE VESSELS “GEMINI 2” AND “MV SAKURA”, IS CONDUCTING CABLE ROUTE SURVEY FROM 20 FEBRUARY TO 30 JUNE 2021 IN THE AREAS BOUNDED BY THE FOLLOWING POSITIONS:

**POSITION COORDINATES
DAANBANTAYAN, CEBU**

| | | |
|---|-------------------|-------------------|
| 1 | 11° 16' 18.34"N., | 123° 59' 55.63"E. |
| 2 | 11° 15' 54.82"N., | 123° 59' 43.22"E. |
| 3 | 11° 15' 21.52"N., | 123° 59' 46.74"E. |
| 4 | 11° 14' 57.48"N., | 123° 59' 51.24"E. |
| 5 | 11° 14' 32.95"N., | 123° 59' 47.27"E. |
| 6 | 11° 14' 56.59"N., | 123° 57' 13.92"E. |
| 7 | 11° 16' 38.75"N., | 123° 57' 38.94"E. |

MADRIDEJOS, BANTAYAN IS., CEBU

| | | |
|---|-------------------|-------------------|
| 1 | 11° 17' 45.28"N., | 123° 43' 27.21"E. |
| 2 | 11° 16' 33.67"N., | 123° 43' 03.49"E. |
| 3 | 11° 15' 23.06"N., | 123° 42' 35.59"E. |
| 4 | 11° 16' 03.81"N., | 123° 39' 58.83"E. |
| 5 | 11° 18' 45.99"N., | 123° 41' 07.80"E. |

CADIZ, NEGROS OCCIDENTAL

| | | |
|---|-------------------|-------------------|
| 1 | 10° 56' 59.82"N., | 123° 20' 51.63"E. |
| 2 | 10° 57' 13.77"N., | 123° 19' 42.87"E. |
| 3 | 10° 57' 10.18"N., | 123° 19' 15.97"E. |
| 4 | 10° 58' 06.01"N., | 123° 17' 30.65"E. |
| 5 | 10° 58' 59.33"N., | 123° 16' 09.35"E. |
| 6 | 11° 03' 28.72"N., | 123° 17' 59.80"E. |
| 7 | 11° 01' 26.37"N., | 123° 22' 41.77"E. |

BACOLOD, NEGROS OCCIDENTAL

| | | |
|---|-------------------|-------------------|
| 1 | 10° 44' 17.28"N., | 122° 57' 37.55"E. |
| 2 | 10° 43' 51.36"N., | 122° 57' 45.43"E. |
| 3 | 10° 43' 32.54"N., | 122° 57' 30.98"E. |

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NAVIGATIONAL WARNINGS

| | | |
|----|-------------------|-------------------|
| 4 | 10° 43' 34.04"N., | 122° 56' 45.89"E. |
| 5 | 10° 42' 14.13"N., | 122° 56' 51.74"E. |
| 6 | 10° 41' 09.33"N., | 122° 57' 00.87"E. |
| 7 | 10° 41' 29.14"N., | 122° 56' 10.93"E. |
| 8 | 10° 41' 06.88"N., | 122° 55' 58.98"E. |
| 9 | 10° 40' 50.79"N., | 122° 56' 33.65"E. |
| 10 | 10° 40' 08.50"N., | 122° 56' 15.82"E. |
| 11 | 10° 43' 24.05"N., | 122° 52' 17.84"E. |
| 12 | 10° 46' 38.52"N., | 122° 55' 02.60"E. |

BANATE, ILOILO

| | | |
|---|-------------------|-------------------|
| 1 | 10° 59' 27.96"N., | 122° 47' 09.51"E. |
| 2 | 11° 00' 08.13"N., | 122° 49' 47.77"E. |
| 3 | 10° 59' 52.04"N., | 122° 50' 28.49"E. |
| 4 | 10° 59' 29.46"N., | 122° 50' 59.64"E. |
| 5 | 10° 55' 54.16"N., | 122° 52' 45.00"E. |
| 6 | 10° 55' 07.94"N., | 122° 48' 38.93"E. |

SAN JOSE, MINDORO

| | | |
|---|-------------------|-------------------|
| 1 | 12° 24' 59.83"N., | 120° 59' 49.06"E. |
| 2 | 12° 21' 36.26"N., | 121° 02' 20.92"E. |
| 3 | 12° 20' 56.27"N., | 121° 03' 39.07"E. |
| 4 | 12° 19' 52.00"N., | 121° 04' 47.19"E. |
| 5 | 12° 17' 13.71"N., | 120° 57' 24.51"E. |
| 6 | 12° 22' 57.94"N., | 120° 54' 04.23"E. |

CORON, PALAWAN

| | | |
|---|-------------------|-------------------|
| 1 | 12° 07' 50.77"N., | 120° 16' 49.95"E. |
| 2 | 12° 11' 31.73"N., | 120° 23' 55.34"E. |
| 3 | 12° 07' 19.35"N., | 120° 26' 07.08"E. |
| 4 | 12° 04' 14.33"N., | 120° 20' 19.66"E. |
| 5 | 12° 05' 42.97"N., | 120° 19' 45.89"E. |

ALBUERA, LEYTE

| | | |
|---|-------------------|-------------------|
| 1 | 10° 58' 24.43"N., | 124° 37' 58.13"E. |
| 2 | 10° 57' 01.21"N., | 124° 39' 15.63"E. |
| 3 | 10° 56' 17.17"N., | 124° 40' 57.99"E. |
| 4 | 10° 52' 25.88"N., | 124° 42' 39.06"E. |
| 5 | 10° 47' 26.97"N., | 124° 41' 30.95"E. |
| 6 | 10° 50' 58.04"N., | 124° 35' 51.70"E. |

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IV NAVIGATIONAL WARNINGS

PORO ISLAND, CEBU

| | | |
|---|-------------------|-------------------|
| 1 | 10° 42' 31.62"N., | 124° 24' 14.22"E. |
| 2 | 10° 42' 45.18"N., | 124° 24' 23.88"E. |
| 3 | 10° 42' 23.28"N., | 124° 24' 48.48"E. |
| 4 | 10° 42' 13.98"N., | 124° 24' 46.86"E. |
| 5 | 10° 42' 11.64"N., | 124° 24' 37.56"E. |

LILOAN AND CAMPOSTELA, CEBU

| | | |
|---|-------------------|-------------------|
| 1 | 10° 20' 54.28"N., | 123° 58' 25.36"E. |
| 2 | 10° 21' 31.73"N., | 124° 00' 10.95"E. |
| 3 | 10° 23' 04.04"N., | 124° 01' 17.96"E. |
| 4 | 10° 24' 03.84"N., | 124° 00' 06.61"E. |
| 5 | 10° 25' 02.61"N., | 124° 00' 04.16"E. |
| 6 | 10° 27' 40.58"N., | 124° 00' 58.33"E. |
| 7 | 10° 28' 55.67"N., | 124° 07' 45.12"E. |
| 8 | 10° 19' 16.57"N., | 124° 05' 14.68"E. |

BOLJOON, CEBU

| | | |
|---|-------------------|-------------------|
| 1 | 09° 34' 18.99"N., | 123° 28' 00.29"E. |
| 2 | 09° 36' 01.34"N., | 123° 28' 44.06"E. |
| 3 | 09° 36' 16.94"N., | 123° 28' 23.85"E. |
| 4 | 09° 39' 07.27"N., | 123° 29' 29.57"E. |
| 5 | 09° 37' 54.19"N., | 123° 34' 19.61"E. |
| 6 | 09° 32' 27.96"N., | 123° 31' 41.31"E. |

SIBULAN, NEGROS ORIENTAL

| | | |
|---|-------------------|-------------------|
| 1 | 09° 19' 24.33"N., | 123° 18' 44.92"E. |
| 2 | 09° 20' 23.53"N., | 123° 18' 27.58"E. |
| 3 | 09° 21' 10.47"N., | 123° 17' 58.15"E. |
| 4 | 09° 22' 02.41"N., | 123° 16' 31.39"E. |
| 5 | 09° 22' 43.03"N., | 123° 16' 45.22"E. |
| 6 | 09° 23' 44.05"N., | 123° 19' 20.42"E. |
| 7 | 09° 21' 01.06"N., | 123° 22' 07.88"E. |

SIATON, NEGROS ORIENTAL

| | | |
|---|-------------------|-------------------|
| 1 | 09° 03' 17.71"N., | 122° 58' 59.73"E. |
| 2 | 09° 02' 17.16"N., | 123° 00' 59.60"E. |
| 3 | 09° 02' 53.22"N., | 123° 01' 60.00"E. |

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IV

NAVIGATIONAL WARNINGS

| | | |
|---|-------------------|-------------------|
| 4 | 09° 03' 06.23"N., | 123° 03' 35.93"E. |
| 5 | 09° 03' 07.90"N., | 123° 04' 45.66"E. |
| 6 | 08° 59' 56.84"N., | 123° 07' 30.87"E. |
| 7 | 08° 58' 16.40"N., | 123° 01' 01.73"E. |

DIPOLOG, ZAMBOANGA DEL NORTE

| | | |
|---|-------------------|-------------------|
| 1 | 08° 38' 19.18"N., | 123° 21' 26.22"E. |
| 2 | 08° 37' 55.01"N., | 123° 20' 53.22"E. |
| 3 | 08° 35' 25.07"N., | 123° 20' 07.55"E. |
| 4 | 08° 32' 44.80"N., | 123° 19' 16.54"E. |
| 5 | 08° 36' 01.41"N., | 123° 16' 38.22"E. |
| 6 | 08° 40' 21.87"N., | 123° 20' 27.36"E. |

MACROHON, SOUTHERN LEYTE

| | | |
|---|-------------------|-------------------|
| 1 | 10° 04' 09.87"N., | 124° 56' 19.58"E. |
| 2 | 10° 03' 22.57"N., | 124° 57' 06.70"E. |
| 3 | 10° 02' 12.95"N., | 124° 58' 38.82"E. |
| 4 | 10° 01' 48.17"N., | 125° 00' 08.30"E. |
| 5 | 10° 00' 09.54"N., | 125° 01' 41.04"E. |
| 6 | 09° 57' 52.12"N., | 125° 02' 16.48"E. |
| 7 | 09° 59' 16.00"N., | 124° 54' 33.19"E. |

SURIGAO CITY

| | | |
|---|-------------------|-------------------|
| 1 | 09° 48' 28.69"N., | 125° 27' 32.19"E. |
| 2 | 09° 49' 31.39"N., | 125° 26' 28.34"E. |
| 3 | 09° 49' 17.96"N., | 125° 26' 05.32"E. |
| 4 | 09° 48' 25.68"N., | 125° 26' 19.77"E. |
| 5 | 09° 48' 21.36"N., | 125° 24' 34.42"E. |
| 6 | 09° 52' 01.03"N., | 125° 22' 44.12"E. |
| 7 | 09° 51' 49.30"N., | 125° 29' 34.71"E. |
| 8 | 09° 48' 32.34"N., | 125° 29' 54.41"E. |

SAN JOSE, DINAGAT ISLAND

| | | |
|---|-------------------|-------------------|
| 1 | 10° 03' 39.25"N., | 125° 31' 15.62"E. |
| 2 | 10° 03' 16.94"N., | 125° 34' 13.31"E. |
| 3 | 10° 01' 45.44"N., | 125° 34' 31.31"E. |
| 4 | 10° 01' 13.19"N., | 125° 34' 04.54"E. |
| 5 | 10° 00' 30.69"N., | 125° 34' 05.95"E. |
| 6 | 09° 59' 56.03"N., | 125° 34' 35.72"E. |
| 7 | 09° 59' 33.65"N., | 125° 33' 39.51"E. |

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NAVIGATIONAL WARNINGS

| | | |
|----|-------------------|-------------------|
| 8 | 09° 59' 27.99"N., | 125° 32' 06.34"E. |
| 9 | 10° 00' 41.95"N., | 125° 32' 18.54"E. |
| 10 | 10° 01' 20.37"N., | 125° 31' 39.15"E. |

RIZAL, SIARGAO ISLAND

| | | |
|---|-------------------|-------------------|
| 1 | 10° 02' 10.62"N., | 126° 00' 45.54"E. |
| 2 | 10° 01' 54.72"N., | 126° 00' 44.04"E. |
| 3 | 10° 01' 40.80"N., | 126° 01' 46.02"E. |
| 4 | 10° 01' 54.72"N., | 126° 01' 54.00"E. |

SOCCORRO, SIARGAO ISLAND

| | | |
|---|-------------------|-------------------|
| 1 | 09° 40' 48.54"N., | 125° 55' 14.10"E. |
| 2 | 09° 39' 44.80"N., | 125° 55' 29.85"E. |
| 3 | 09° 39' 15.04"N., | 125° 55' 33.63"E. |
| 4 | 09° 39' 20.79"N., | 125° 54' 28.10"E. |
| 5 | 09° 36' 48.20"N., | 125° 53' 14.62"E. |
| 6 | 09° 38' 01.22"N., | 125° 50' 25.61"E. |
| 7 | 09° 43' 01.51"N., | 125° 52' 14.13"E. |

CCLAVER, SURIGAO DEL NORTE

| | | |
|---|-------------------|-------------------|
| 1 | 09° 33' 04.05"N., | 125° 49' 13.73"E. |
| 2 | 09° 36' 00.99"N., | 125° 41' 59.27"E. |
| 3 | 09° 38' 22.69"N., | 125° 44' 54.80"E. |
| 4 | 09° 34' 49.36"N., | 125° 50' 42.69"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.

CANCEL THIS NAVIGATIONAL WARNING 01 JULY 2021

IV

NAVIGATIONAL WARNINGS

Date: 24 February 2021

Reference: PCG NTM 37-2021 (HD 029/20)

MESSAGE

NAVPHIL 027/21 – LUZON, S. COAST, BATANGAS BAY – GEOTECHNICAL SURVEY

FUGRO SINGAPORE MARINE PTE LTD. (FUGRO), UTILIZING “MV FUGRO VOYAGER”, IS CONDUCTING GEOTECHNICAL SURVEY FROM 15 FEBRUARY TO 15 APRIL 2021 IN BATANGAS BAY ALONG THE ROUTE AND WITHIN THE AREA WITH THE FOLLOWING COORDINATES:

| POSITION | COORDINATES | |
|----------|-------------|--|
| | PLAN A | |

| | | |
|----|--------------------|--------------------|
| 1 | 13° 42' 00.33"N., | 120° 58' 10.923"E. |
| 2 | 13° 42' 01.253"N., | 120° 58' 44.157"E. |
| 3 | 13° 42' 03.443"N., | 120° 59' 17.347"E. |
| 4 | 13° 42' 05.989"N., | 120° 59' 50.534"E. |
| 5 | 13° 42' 09.055"N., | 121° 00' 23.651"E. |
| 6 | 13° 42' 13.387"N., | 121° 00' 56.624"E. |
| 7 | 13° 42' 17.133"N., | 121° 01' 29.703"E. |
| 8 | 13° 42' 21.69"N., | 121° 02' 02.642"E. |
| 9 | 13° 42' 25.717"N., | 121° 02' 22.208"E. |
| 10 | 13° 42' 31.983"N., | 121° 02' 41.125"E. |
| 11 | 13° 42' 37.447"N., | 121° 02' 53.226"E. |
| 12 | 13° 42' 43.851"N., | 121° 03' 04.82"E. |
| 13 | 13° 42' 49.947"N., | 121° 03' 14.687"E. |
| 14 | 13° 42' 52.583"N., | 121° 03' 18.891"E. |
| 15 | 13° 42' 55.219"N., | 121° 03' 23.096"E. |
| 16 | 13° 42' 57.855"N., | 121° 03' 27.301"E. |

| POSITION | COORDINATES | |
|----------|-------------|--|
| | PLAN B | |

| | | |
|---|--------------------|--------------------|
| 1 | 13° 42' 27.371"N., | 120° 57' 42.604"E. |
| 2 | 13° 42' 27.372"N., | 120° 57' 42.77"E. |
| 3 | 13° 42' 29.011"N., | 120° 57' 46.802"E. |
| 4 | 13° 42' 24.674"N., | 120° 57' 47.557"E. |
| 5 | 13° 42' 24.788"N., | 120° 57' 47.439"E. |
| 6 | 13° 41' 35.487"N., | 120° 57' 47.697"E. |
| 7 | 13° 41' 35.489"N., | 120° 57' 47.864"E. |
| 8 | 13° 41' 31.256"N., | 120° 57' 47.299"E. |
| 9 | 13° 41' 32.991"N., | 120° 57' 43.239"E. |

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IV

NAVIGATIONAL WARNINGS

| POSITION | COORDINATES PLAN B |
|----------|---------------------------------------|
| 10 | 13° 41' 32.828"N., 120° 57' 43.42"E. |
| 11 | 13° 41' 57.118"N., 120° 56' 59.528"E. |
| 12 | 13° 41' 57.116"N., 120° 56' 59.362"E. |
| 13 | 13° 41' 59.738"N., 120° 56' 59.222"E. |
| 14 | 13° 41' 59.711"N., 120° 56' 55.895"E. |
| 15 | 13° 42' 02.363"N., 120° 56' 59.483"E. |
| 16 | 13° 42' 02.362"N., 120° 56' 59.316"E. |
| 17 | 13° 41' 59.893"N., 120° 57' 37.653"E. |
| 18 | 13° 42' 00.056"N., 120° 57' 37.651"E. |
| 19 | 13° 41' 59.976"N., 120° 57' 37.796"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.

THIS CANCELS NAVIGATIONAL WARNING NAVPHIL 011/21.

CANCEL THIS NAVIGATIONAL WARNING ON 16 APRIL 2021.

IV **NAVIGATIONAL WARNINGS**

Date: 24 February 2021

Reference: PCG NTM 33-2021 (HD 030/21)

MESSAGE

NAVPHIL 028/21 – LUZON, W. COAST, MANILA BAY – GEOTECHNICAL INVESTIGATION

**SOL – ROCHE GEOTECHNICAL ENGINEERING CONSULTANCY IS
CONDUCTING GEOTECHNICAL INVESTIGATION IN THE VICINITY WATERS
OF CAVITE IN MANILA BAY FROM 10 FEBRUARY TO 30 APRIL 2021 IN THE
AREAS BOUNDED BY THE FOLLOWING COORDINATES:**

POINTS COORDINATES EXPA 1

| | | |
|----|----------------|----------------|
| 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. |
| 4 | 14° 29' 30"N., | 120° 47' 30"E. |
| 5 | 14° 29' 30"N., | 120° 51' 30"E. |
| 6 | 14° 30' 00"N., | 120° 51' 30"E. |
| 7 | 14° 30' 00"N., | 120° 52' 00"E. |
| 8 | 14° 29' 00"N., | 120° 52' 00"E. |
| 9 | 14° 29' 00"N., | 120° 50' 30"E. |
| 10 | 14° 28' 30"N., | 120° 50' 30"E. |
| 11 | 14° 28' 30"N., | 120° 48' 30"E. |
| 12 | 14° 28' 00"N., | 120° 48' 30"E. |

EXPA 4

| | | |
|---|----------------|----------------|
| 1 | 14° 30' 00"N., | 120° 45' 30"E. |
| 2 | 14° 31' 30"N., | 120° 45' 30"E. |
| 3 | 14° 31' 30"N., | 120° 48' 00"E. |
| 4 | 14° 32' 00"N., | 120° 48' 00"E. |
| 5 | 14° 32' 00"N., | 120° 49' 30"E. |
| 6 | 14° 32' 30"N., | 120° 49' 30"E. |
| 7 | 14° 32' 30"N., | 120° 53' 00"E. |
| 8 | 14° 30' 00"N., | 120° 53' 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.

CANCEL THIS NAVIGATIONAL WARNING 01 MAY 2021.

IV

NAVIGATIONAL WARNINGS

Date: 24 February 2021

Reference: PCG NTM 35 – 2021 (HD 031/20)

MESSAGE

NAVPHIL 029/21 – LUZON, W. COAST, LINGAYEN GULF – SEISMIC SURVEY

IRON ORE, GOLD AND VANADIUM RESOURCES (PHILS) INC., UTILIZING BOAT “PCP 2”, IS CONDUCTING SEISMIC SURVEY IN LINGAYEN GULF, PANGASINAN FROM 22 FEBRUARY TO 30 MARCH 2021 IN THE AREAS BOUNDED BY THE FOLLOWING COORDINATES:

| POINTS | COORDINATES |
|--------|-------------------------------|
| 1 | 16° 04' 30"N., 120° 09' 30"E. |
| 2 | 16° 05' 30"N., 120° 09' 30"E. |
| 3 | 16° 05' 30"N., 120° 08' 00"E. |
| 4 | 16° 10' 00"N., 120° 08' 00"E. |
| 5 | 16° 10' 00"N., 120° 09' 30"E. |
| 6 | 16° 05' 30"N., 120° 15' 00"E. |
| 7 | 16° 05' 30"N., 120° 15' 00"E. |
| 8 | 16° 07' 00"N., 120° 15' 00"E. |
| 9 | 16° 07' 00"N., 120° 16' 00"E. |
| 10 | 16° 07' 30"N., 120° 16' 00"E. |
| 11 | 16° 07' 30"N., 120° 17' 00"E. |
| 12 | 16° 08' 30"N., 120° 17' 00"E. |
| 13 | 16° 08' 30"N., 120° 18' 00"E. |
| 14 | 16° 09' 30"N., 120° 18' 00"E. |
| 15 | 16° 09' 30"N., 120° 23' 30"E. |
| 16 | 16° 08' 30"N., 120° 23' 30"E. |
| 17 | 16° 08' 30"N., 120° 22' 30"E. |
| 18 | 16° 08' 00"N., 120° 22' 30"E. |
| 19 | 16° 08' 00"N., 120° 21' 00"E. |
| 20 | 16° 07' 30"N., 120° 21' 00"E. |
| 21 | 16° 07' 30"N., 120° 20' 30"E. |
| 22 | 16° 07' 00"N., 120° 20' 30"E. |
| 23 | 16° 07' 00"N., 120° 19' 00"E. |
| 24 | 16° 06' 00"N., 120° 19' 00"E. |
| 25 | 16° 06' 00"N., 120° 17' 30"E. |
| 26 | 16° 05' 30"N., 120° 17' 30"E. |
| 27 | 16° 05' 30"N., 120° 16' 30"E. |
| 28 | 16° 05' 00"N., 120° 16' 30"E. |
| 29 | 16° 05' 00"N., 120° 14' 30"E. |
| 30 | 16° 04' 30"N., 120° 14' 30"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.

CANCEL THIS NAVIGATIONAL WARNING 31 MARCH 2021.

IV

NAVIGATIONAL WARNINGS

Date: 24 February 2021

Reference: PCG NTM 35 – 2021 (HD 031/20)

MESSAGE

NAVPHIL 030/21 – PHILIPPINE WATERS – GUNNERY

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

- B. PC390 ON 06 – 07 MARCH 2021 AT VICINITY 9.15 NAUTICAL MILES EAST OFF MATANAL POINT, BASILAN IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:**

POINT A: 06° 38.758'N., 122° 28.818'E.
POINT B: 06° 38.730'N., 122° 33.958'E.
POINT C: 06° 33.636'N., 122° 33.904'E.
POINT D: 06° 33.613'N., 122° 28.841'E.

- C. PC396 ON 08 – 10 MARCH 2021 AT VICINITY 7.5 NAUTICAL MILES SOUTHWEST OFF PAGTUDLAN POINT, PACIJAN, CAMOTES ISLAND, CEBU IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:**

POINT A: 10° 30.500'N., 124° 12.500'E.
POINT B: 10° 30.500'N., 124° 17.500'E.
POINT C: 10° 25.500'N., 124° 17.500'E.
POINT D: 10° 25.500'N., 124° 12.500'E.

- D. PS19 ON 10 – 12 MARCH 2021 AT VICINITY 15 NAUTICAL MILES NORTHWEST OFF LANGUYAN POINT, LANGUYAN, TAWI-TAWI IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:**

POINT A: 05° 31.750'N., 119° 52.900'E.
POINT B: 05° 31.750'N., 119° 59.170'E.
POINT C: 05° 25.600'N., 119° 52.900'E.
POINT D: 05° 25.600'N., 119° 59.170'E

- E. PC380 ON 18 – 20 MARCH 2021 AT VICINITY 14.5 NAUTICAL MILES SOUTHWEST OFF GUNTAO ISLAND, PALAWAN IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:**

POINT A: 11° 05.464'N., 118° 59.015'E.
POINT B: 11° 05.490'N., 119° 04.121'E.
POINT C: 11° 00.394'N., 119° 04.210'E.
POINT D: 11° 00.365'N., 118° 59.041'E.

Continued to the next page

IV

NAVIGATIONAL WARNINGS

A. PC386 ON 29 – 31 MARCH 2021 AT VICINITY 9.5 NAUTICAL MILES EAST OFF MATANAL POINT, BASILAN IN THE AREA BOUNDED BY THE FOLLOWING COORDINATES:

POINT A: 06° 38.758'N., 122° 28.818'E.
POINT B: 06° 38.730'N., 122° 33.958'E.
POINT C: 06° 33.636'N., 122° 33.904'E.
POINT D: 06° 33.613'N., 122° 28.841'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.

V
PUBLICATION NOTICES

- 1.** Newly Published NAMRIA nautical publications
 - a. Philippine Tide and Current Tables (2021 Edition)
 - b. Philippine List of Lights (2021 Edition)
 - c. Philippine Coast Pilot, 7th Edition, Volume 1 (Book and Digital Version)

Call the NAMRIA Map Sales Office (MSO) – Manila Branch at telephone numbers (+632) 8245-9498 and (+632) 8241-3494 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 affects 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) 8242-2955
Onsite: <http://namria.gov.ph/omsis/HNote10.aspx>

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 No. _____

is required (see Instruction 4).

Signature of observer/reporter _____

Tick box if not willing to be named as source of this information

INSTRUCTIONS

1. 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.

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 (<i>if available</i>). | | | | |
| 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. | | | | |

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

| | |
|--|--|
| 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.

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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) 8810-4831 to 42 local 431,
(02) 8810-5467

Manila MSO

Hydrography Branch
421 Barraca Street, San Nicolas, Manila
Contact Nos. (02) 8241-3494 to 96 local 117,
(02) 8245-9498

DENR Central Office MSO

Forest Management Bureau (FMB) Compound
Visayas Avenue, Quezon City
Contact Nos. (02) 8925-1157

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