



MALAYSIAN NOTICES TO MARINERS

Monthly Edition 04 of 2016
30TH APRIL 2016

CONTENTS

- I - Explanatory Notes / Index of Charts Affected.
- II - Corrections to Charts.
- III - Navigational Warnings.

Mariners are requested to inform The Hydrographer, National Hydrographic Centre, Bandar Armada Putra, Pulau Indah, 42009 PORT KLANG, Selangor Darul Ehsan, Malaysia. (Tel: +603 3169 4400), (Fax: +603 3101 3111), E-mail: ntm@hydro.gov.my immediately upon the discovery of new dangers, changes or defects in aids to navigation and shortcoming in Malaysian charts or publications.

DATO' PAHLAWAN ZAAIM BIN HASAN
Rear Admiral
The Hydrographer

SECTION I
EXPLANATORY NOTES

Charts

The notices in Section II give instructions for the correction of Malaysian Chart (MAL) while notices in Section III give information on navigational warnings. Geographical positions refer to the largest scale chart unless otherwise stated. Bearing are true reckoned clockwise from 000° to 359°, those relating to lights are from seaward.

Notices to Mariners correcting MAL charts are issued by the National Hydrographic Centre, Malaysian and should be inserted on the charts affected in waterproof violet ink in case of permanent notices and in pencil in case of temporary notices.

Temporary and Preliminary Notices

These are indicated by (T) or (P) after the notice number.

Original Information

An asterisk (*) adjacent to the number of a notice indicates that the notice is based on original information.

Malaysian Notice (MN)

Mariners are to take note the legend MN indicates Malaysian Notice.

| INDEX OF CHARTS AFFECTED | | | |
|---------------------------------|--|----------|---|
| MAL 4508 | 87/2016 | MAL 65 | 94/2016(T), 101/2016(T) , 102/2016(T) |
| MAL 5 | 88/2016, 94/2016(T), 95/2016(T)*, 99/2016(T), 101/2016(T), 102/2016(T), 105/2016(T), 106/2016(T) | MAL 654 | 94/2016(T) |
| MAL 521 | 99/2016(T) | MAL 655 | 94/2016(T), 101/2016(T) |
| MAL 5217 | 99/2016(T) | MAL 68 | 94/2016(T), 105/2016(T) |
| MAL 532 | 88/2016, 95/2016(T)*, 99/2016(T) | MAL 7215 | 90/2016 |
| MAL 5322 | 88/2016 | MAL 723 | 91/2016 |
| MAL 54 | 88/2016, 95/2016(T)* | MAL 7257 | 90/2016 |
| MAL 540 | 88/2016, 95/2016(T)* | MAL 731 | 90/2016 |
| MAL 553 | 106/2016(T) | MAL 740 | 90/2016 |
| MAL 554 | 106/2016(T) | MAL 750 | 96/2016(T), 100/2016(T), 103/2016(T) |
| MAL 5622 | 89/2016 | MAL 752 | 96/2016(T), 100/2016(T) |
| MAL 5630 | 89/2016 | MAL 754 | 96/2016(T), 100/2016(T), 103/2016(T) |
| MAL 565 | 106/2016(T) | MAL 8433 | 92/2016* |
| MAL 58 | 106/2016(T) | MAL 8608 | 104/2016(T) |
| MAL 6 | 96/2016(T), 97/2016(T), 98/2016(T), 100/2016(T), 103/2016(T), 104/2016(T) | MAL 864 | 93/2016, 97/2016(T), 98/2016(T), 104/2016(T) |
| MAL 6436 | 101/2016(T) | MAL 865 | 93/2016 |
| MAL 6441 | 101/2016(T) | MAL 872 | 93/2016, 104/2016(T) |
| MAL 645 | 101/2016(T) , 102/2016(T) | | |

SECTION II

87/2016 SOUTH CHINA SEA – Coronation Bank – Rock.

Source: British Admiralty Notice No. 1231/16.

Chart MAL 4508 (Last Correction 48/2016) WGS 84 DATUM

Insert  09°20'.30N, 111°45'.20E

88/2016 MALAYSIA – Selangor – Pulau Angsa – Lighthouse.

Source: Marine Department of Malaysia No. 37/2016.

Chart MAL 5 (Last Correction 48/2016) WGS 84 DATUM

Amend light to, Fl.WR.10s36m22/15M 03°11'.18N, 101°13'.03E

Chart MAL 532 (Last Correction 72/2016) WGS 84 DATUM

Amend light to, Fl.WR.10s36m22/15M 03°11'.18N, 101°13'.03E

Chart MAL 5322 (Last Correction 199/2015) WGS 84 DATUM

Amend light to, Fl.WR.10s36m 03°11'.18N, 101°13'.03E

Chart MAL 54 (Last Correction 71/2016) WGS 84 DATUM

Amend light to, Fl.WR.10s36m22/15M 03°11'.18N, 101°13'.03E

Chart MAL 540 (Last Correction 49/2016) WGS 84 DATUM

Amend light to, Fl.WR.10s36m22/15M 03°11'.18N, 101°13'.03E



89/2016 Corrigendum Notices to Mariners 03 of 2016.

Replace Notices No. 74/2016

Chart MAL 5622 (Last Correction 75/2016) WGS 84 DATUM

Substitute  Fl.G.5s 5m 5M for  Fl.G.5s 5m 5M 06° 17'.60N, 099° 51'.65E

Chart MAL 5630 (Last Correction 75/2016) WGS 84 DATUM

Substitute  Fl.G.5s 5m 5M for  Fl.G.5s 5m 5M 06° 17'.60N, 099° 51'.65E

90/2016 MALAYSIA – Sarawak – Kuala Rajang – Buoys.

Source: Sarawak Marine Department No. 32/2016(T).

Chart MAL 7215 (Last Correction 82/2016) WGS 84 DATUM

| | | | |
|---------------|---|--------------|--------------|
| Insert | legend (<i>Out Of Position</i>) for <i>Buoy No.1, Fl.G.3s</i> | 02° 07'.33N, | 111° 06'.00E |
| | legend (<i>Out Of Position</i>) for <i>Buoy No.2, Fl.(2)10s</i> | 02° 08'.00N, | 111° 06'.00E |

Chart MAL 7257 (Last Correction 54/2016) TIMBALAI 1948 DATUM

| | | | |
|---------------|---|--------------|--------------|
| Insert | legend (<i>Out Of Position</i>) for <i>Buoy No.1, Fl.G.3s</i> | 02° 07'.37N, | 111° 05'.79E |
| | legend (<i>Out Of Position</i>) for <i>Buoy No.2, Fl.(2)10s</i> | 02° 08'.04N, | 111° 05'.80E |

Chart MAL 731 (Last Correction 35/2016) WGS 84 DATUM

| | | | |
|---------------|---|--------------|--------------|
| Insert | legend (<i>Out Of Position</i>) for <i>Buoy No.1, Fl.G.3s</i> | 02° 07'.33N, | 111° 06'.00E |
|---------------|---|--------------|--------------|

Chart MAL 740 (Last Correction 35/2016) WGS 84 DATUM

| | | | |
|---------------|---|--------------|--------------|
| Insert | legend (<i>Out Of Position</i>) for <i>Buoy No.1, Fl.G.3s</i> | 02° 07'.33N, | 111° 06'.00E |
| | legend (<i>Out Of Position</i>) for <i>Buoy No.2, Fl.(2)10s</i> | 02° 08'.00N, | 111° 06'.00E |

91/2016 MALAYSIA – Sarawak – Kuala Sematan – Fish Havens.

Source: Sarawak Marine Department No. 7/2016*.

Chart MAL 723 (Last Correction 83/2016) WGS 84 DATUM

| | | | |
|---------------|---|-------------|-------------|
| Insert |  | 01°57'.20N, | 109°49'.14E |
| | | 01°52'.05N, | 109°53'.39E |
| | | 01°50'.49N, | 109°58'.31E |

92/2016* MALAYSIA – Sabah – Terusan Tando Bulong – Depths.




Source: National Hydrographic Centre.

Chart MAL 8433 (Last Correction 57/2016) WGS 84 DATUM

| | | | |
|---------------|--|--------------|--------------|
| Insert | depth, 14₇ , enclosed by 15m contour | 04° 23'.38N, | 118° 36'.17E |
| | depth, 14₉ , enclosed by 15m contour | 04° 23'.29N, | 118° 36'.00E |


Source: Shell Exploration and Production.

Chart MAL 864 (Last Correction 58/2016) WGS 84 DATUM

| | | | |
|--------|--|------------------|--------------|
| Insert |  Kebabangan | 06° 26'.62N, | 115° 23'.65E |
| |  Malikai TLP | 06° 20'.90N, | 115° 06'.29E |
| | Pipeline,  joining: | (a) 06° 26'.62N, | 115° 23'.65E |
| | | (b) 06° 25'.68N, | 115° 22'.58E |
| | | (c) 06° 25'.54N, | 115° 22'.45E |
| | | (d) 06° 24'.68N, | 115° 21'.92E |
| | | (e) 06° 24'.67N, | 115° 21'.91E |
| | | (f) 06° 23'.57N, | 115° 21'.26E |
| | | (g) 06° 23'.47N, | 115° 21'.18E |
| | | (h) 06° 21'.22N, | 115° 18'.88E |
| | | (i) 06° 21'.07N, | 115° 18'.68E |
| | | (j) 06° 16'.99N, | 115° 10'.56E |
| | | (k) 06° 17'.38N, | 115° 07'.93E |
| | | (l) 06° 18'.48N, | 115° 06'.76E |
| | | (m) 06° 18'.56N, | 115° 06'.67E |
| | | (n) 06° 18'.87N, | 115° 06'.18E |
| | | (o) 06° 18'.89N, | 115° 06'.15E |
| | | (p) 06° 19'.15N, | 115° 05'.79E |
| | | (q) 06° 19'.64N, | 115° 05'.44E |
| | | (r) 06° 20'.51N, | 115° 05'.20E |
| | | (s) 06° 20'.93N, | 115° 05'.53E |
| | | (t) 06° 20'.91N, | 115° 06'.27E |

Legend, **Gas** centre on:

(a)-(t) above

Pipeline,  joining:

| | |
|------------------|--------------|
| (a) 06° 26'.62N, | 115° 23'.65E |
| (b) 06° 25'.69N, | 115° 22'.61E |
| (c) 06° 25'.55N, | 115° 22'.49E |
| (d) 06° 24'.67N, | 115° 21'.94E |
| (e) 06° 24'.66N, | 115° 21'.93E |
| (f) 06° 23'.55N, | 115° 21'.28E |
| (g) 06° 23'.45N, | 115° 21'.20E |
| (h) 06° 21'.13N, | 115° 18'.83E |
| (i) 06° 21'.07N, | 115° 18'.77E |
| (j) 06° 19'.71N, | 115° 16'.82E |
| (k) 06° 19'.10N, | 115° 16'.11E |
| (l) 06° 16'.77N, | 115° 13'.85E |
| (m) 06° 16'.67N, | 115° 13'.74E |
| (n) 06° 15'.16N, | 115° 11'.91E |
| (o) 06° 15'.18N, | 115° 09'.99E |
| (p) 06° 18'.24N, | 115° 06'.43E |
| (q) 06° 18'.29N, | 115° 06'.38E |
| (r) 06° 18'.78N, | 115° 05'.93E |
| (s) 06° 18'.83N, | 115° 05'.87E |
| (t) 06° 19'.17N, | 115° 05'.48E |
| (u) 06° 19'.77N, | 115° 05'.11E |
| (v) 06° 20'.64N, | 115° 04'.89E |
| (w) 06° 21'.04N, | 115° 05'.26E |
| (x) 06° 20'.91N, | 115° 06'.27E |

Legend, **Oil** centre on:

(a)-(x) above

Chart MAL 865 (Last Correction 214/2015) WGS 84 DATUM







| | | | |
|---------------|--|--|--|
| Insert |  Keabangan | 06° 26'.62N, | 115° 23'.65E |
| | Pipeline,  joining: | (a) 06° 26'.62N, (b) 06° 25'.68N, (c) 06° 25'.54N, (d) 06° 24'.68N, (e) 06° 24'.67N, (f) 06° 23'.57N, (g) 06° 23'.47N, (h) 06° 21'.22N, (i) 06° 21'.07N, (j) 06° 20'.48N, (Border) | 115° 23'.65E 115° 22'.58E 115° 22'.45E 115° 21'.92E 115° 21'.91E 115° 21'.26E 115° 21'.18E 115° 18'.88E 115° 18'.68E 115° 17'.50E |
| | Legend, Gas centre on: | (a)-(j) above | |
| | Pipeline,  joining: | (a) 06° 26'.62N, (b) 06° 25'.69N, (c) 06° 25'.55N, (d) 06° 24'.67N, (e) 06° 24'.66N, (f) 06° 23'.55N, (g) 06° 23'.45N, (h) 06° 21'.13N, (i) 06° 21'.07N, (j) 06° 20'.19N, (Border) | 115° 23'.65E 115° 22'.61E 115° 22'.49E 115° 21'.94E 115° 21'.93E 115° 21'.28E 115° 21'.20E 115° 18'.83E 115° 18'.77E 115° 17'.51E |
| | Legend, Oil centre on: | (a)-(j) above | |

Chart MAL 872 (Last Correction 56/2016) WGS 84 DATUM

| | | | |
|---------------|--|--|--|
| Insert |  Keabangan | 06° 26'.62N, | 115° 23'.65E |
| | Pipeline,  joining: | (a) 06° 26'.62N, (b) 06° 25'.68N, (c) 06° 25'.54N, (d) 06° 24'.68N, (e) 06° 24'.67N, (f) 06° 23'.57N, (g) 06° 23'.47N, (h) 06° 21'.22N, (i) 06° 21'.07N, (j) 06° 16'.99N, (k) 06° 17'.34N, (Border) | 115° 23'.65E 115° 22'.58E 115° 22'.45E 115° 21'.92E 115° 21'.91E 115° 21'.26E 115° 21'.18E 115° 18'.88E 115° 18'.68E 115° 10'.56E 115° 08'.18E |
| | Legend, Gas centre on: | (a)-(k) above | |
| | Pipeline,  joining: | (a) 06° 26'.62N, (b) 06° 25'.69N, (c) 06° 25'.55N, (d) 06° 24'.67N, | 115° 23'.65E 115° 22'.61E 115° 22'.49E 115° 21'.94E |

| | | |
|-----|--------------|--------------|
| (e) | 06° 24'.66N, | 115° 21'.93E |
| (f) | 06° 23'.55N, | 115° 21'.28E |
| (g) | 06° 23'.45N, | 115° 21'.20E |
| (h) | 06° 21'.13N, | 115° 18'.83E |
| (i) | 06° 21'.07N, | 115° 18'.77E |
| (j) | 06° 19'.71N, | 115° 16'.82E |
| (k) | 06° 19'.10N, | 115° 16'.11E |
| (l) | 06° 16'.77N, | 115° 13'.85E |
| (m) | 06° 16'.67N, | 115° 13'.74E |
| (n) | 06° 15'.16N, | 115° 11'.91E |
| (o) | 06° 15'.18N, | 115° 09'.99E |
| (p) | 06° 16'.73N, | 115° 08'.21E |
| | (Border) | |

Legend, *Oil* centre on:

(a)-(p) above

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SECTION III
NAVIGATIONAL WARNINGS

94/2016(T) MALAYSIA – Terengganu – Dungun – Drilling Operation.

Source: Petronas Carigali Sdn. Bhd.

1. DRILLING OPERATION - 10 APR TO 28 MAY 16 AT 05 17.13N 104 22.74E.
 2. WIDE BERTH OF 1 NM REQUESTED. CANCEL THIS NOTICE 29 MAY 16.
 3. CHART AFFECTED: MAL 5, MAL 65, MAL 654, MAL 655 AND MAL 68.
-

95/2016(T)* MALAYSIA – Melaka – One Fathom Bank – Hydrographic Survey.

Source: National Hydrographic Centre.

1. HYDROGRAPHIC SURVEY - 1 MAC 16 TO 30 NOV 17 AT AREA BOUNDED BY:

(A) POSITION A.

- (1) 03 13.49N 100 38.00E
- (2) 02 53.16N 101 00.55E
- (3) 02 52.08N 100 59.49E
- (4) 02 56.27N 100 55.12E
- (5) 02 56.54N 100 55.43E
- (6) 03 13.27N 100 37.37E

(B) POSITION B.

- (1) 03 07.32N 100 54.56E
- (2) 03 03.45N 100 58.14E
- (3) 03 02.58N 100 57.05E
- (4) 03 06.44N 100 53.51E

(C) POSITION C.

- (1) 03 10.57N 100 58.21E
- (2) 03 06.56N 101 00.54E
- (3) 03 06.28N 101 00.09E
- (4) 03 10.33N 100 57.36E

(D) POSITION D.

- (1) 03 06.15N 101 04.19E
- (2) 03 01.36N 101 06.34E
- (3) 03 01.05N 101 05.00E
- (4) 03 05.39N 101 02.51E

2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 1 DEC 17.
 3. CHART AFFECTED: MAL 5, MAL 532, MAL 54 AND MAL 540.
-

96/2016(T) MALAYSIA – Sarawak – Miri – Drilling Operation.

Source: Petronas Carigali Sdn. Bhd.

1. DRILLING OPERATION – 10 APR TO 18 DEC 16 AT 04 44.38N 113 43.63E.
 2. WIDE BERTH OF 1.5 NM REQUESTED. CANCEL THIS NOTICE 19 DEC 16 .
 3. CHART AFFECTED: MAL 6, MAL 750 MAL 752 AND MAL 754.
-

97/2016(T) MALAYSIA – Sabah – Pulau Mangalum – Construction Campaign.

Source: Sabah Shell Petroleum Company.

1. CONSTRUCTION CAMPAIGN - 25 APR TO 25 JUL 16 AT 06 20.91N 115 06.29E.
 2. WIDE BERTH OF 5 NM REQUESTED. CANCEL THIS NOTICE 26 JUL 16 .
 3. CHART AFFECTED: MAL 6 AND MAL 864.
-

98/2016(T) MALAYSIA – Sabah – Pulau Mangalum – Tensioned – Leg Platform (Tlp) Installation.

Source: Sabah Shell Petroleum Company.

1. TENSIONED – LEG PLATFORM (TLP) INSTALLATION – 26 JUN TO 9 JUL 16 AT 06 20.91N 115 06.29E.
 2. WIDE BERTH OF 5 NM REQUESTED. CANCEL THIS NOTICE 10 JUL 16.
 3. CHART AFFECTED: MAL 6 AND MAL 864.
-

99/2016(T) MALAYSIA – Melaka – Malacca Strait – Submarine Cable Installation.

Source: Telekom Malaysia Berhad.

1. SUBMARINE CABLE INSTALLATION – 14 APR TO 15 JUN 16 AT ROUTE ADJOINING:
 - (1) 02 19.43N 102 04.17E.
 - (2) 02 19.34N 102 04.15E.
 - (3) 02 19.02N 102 04.15E.
 - (4) 02 18.36N 102 03.75E.
 - (5) 02 18.22N 102 03.63E.
 - (6) 02 17.39N 102 03.31E.
 - (7) 02 17.27N 102 03.30E.
 - (8) 02 17.23N 102 03.29E.
 - (9) 02 16.99N 102 03.32E.
 - (10) 02 16.84N 102 03.35E.
 - (11) 02 16.74N 102 03.35E.
 - (12) 02 16.65N 102 03.32E.
 - (13) 02 16.58N 102 03.33E.
 - (14) 02 16.52N 102 03.35E.
 - (15) 02 16.40N 102 03.48E.
 - (16) 02 16.38N 102 03.50E.
 - (17) 02 16.33N 102 03.56E.
 - (18) 02 16.32N 102 03.58E.
 - (19) 02 16.20N 102 03.62E.
 - (20) 02 16.11N 102 03.62E.
 - (21) 02 15.95N 102 03.64E.
 - (22) 02 15.50N 102 03.48E.
 - (23) 02 15.33N 102 03.49E.
 - (24) 02 14.87N 102 03.52E.
 - (25) 02 14.40N 102 03.73E.
 - (26) 02 14.06N 102 03.75E.
 - (27) 02 13.93N 102 03.72E.
 - (28) 02 13.79N 102 03.66E.
 - (29) 02 13.67N 102 03.63E.
 - (30) 02 12.74N 102 03.70E.
 - (31) 02 12.33N 102 03.61E.
 - (32) 02 12.02N 102 03.54E.
 - (33) 02 11.25N 102 03.36E.
 - (34) 02 10.83N 102 03.17E.
 - (35) 02 10.63N 102 02.95E.

- (36) 02 10.17N 102 02.68E.
- (37) 02 10.13N 102 02.67E.
- (38) 02 09.55N 102 02.47E.
- (39) 02 08.11N 102 01.72E.
- (40) 02 07.59N 102 01.40E.
- (41) 02 06.67N 102 00.96E.
- (42) 02 06.15N 102 00.59E.
- (43) 02 06.55N 102 00.34E.
- (44) 02 05.10N 102 00.35E.
- (45) 02 05.02N 102 00.33E.
- (46) 02 04.66N 102 00.23E.
- (47) 02 03.82N 101 59.90E.
- (48) 02 03.45N 101 59.76E.
- (49) 02 03.26N 101 59.69E.
- (50) 02 02.80N 101 59.54E.
- (51) 02 02.25N 101 59.42E.
- (52) 02 02.06N 101 59.40E.
- (53) 02 01.87N 101 59.36E.
- (54) 02 01.71N 101 59.35E.
- (55) 02 00.71N 101 59.14E.
- (56) 02 00.41N 101 59.19E.
- (57) 02 00.26N 101 59.19E.
- (58) 02 00.15N 101 59.20E.
- (59) 02 00.05N 101 59.20E.
- (60) 01 59.80N 101 59.20E.
- (61) 01 59.72N 101 59.20E.
- (62) 01 59.61N 101 59.17E.
- (63) 01 59.54N 101 59.10E.
- (64) 01 59.51N 101 58.96E.

2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 16 JUN 16.

3. CHART AFFECTED: MAL 5, MAL 521, MAL 532 AND MAL 5217.

100/2016(T) MALAYSIA – Sarawak – Tanjung Baram – Drilling Operation.

Source: Sarawak Marine Department Notice No. 37/2016(T).

- 1. DRILLING OPERATION - 10 APR TO 18 DEC 16 AT 04 44.33N 113 43.82E.
- 2. WIDE BERTH OF 1.5 NM REQUESTED. CANCEL THIS NOTICE – 19 DEC 16.
- 3. CHART AFFECTED: MAL 6, MAL 750, MAL 752 AND MAL 754.

101/2016(T) MALAYSIA – Terengganu – Pelabuhan kerteh – Maintenance Dredging Activities.

Source: Marine Department Notice No. 41/2016(T).

1. MAINTENANCE DREDGING ACTIVITIES - 1 APR TO 31 MAY 16 AT AREA BOUNDED BY:

- (1) 04 36.22N 103 27.60E.
- (2) 04 34.78N 103 28.12E.
- (3) 04 35.01N 103 27.58E.
- (4) 04 35.63N 103 27.60E.

2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE – 1 JUN 16.

3. CHART AFFECTED: MAL 5, MAL 6436, MAL 6441, MAL 645, MAL 65 AND MAL 655.

102/2016(T) MALAYSIA – Pahang – Tanjung Cherating – Underwater Cable Route Survey.

Source: Marine Department of Malaysia Notice No. 43/2016(T).

1. UNDERWATER CABLE ROUTE SURVEY - 18 APR TO 5 MAY 16 AT ROUTE ADJOINING:
 - (1) 04 05.94N 103 23.57E.
 - (2) 04 06.06N 103 23.90E.
 - (3) 04 06.04N 103 24.03E.
 - (4) 04 05.84N 103 25.01E.
 - (5) 04 05.87N 103 25.16E.
 - (6) 04 06.15N 103 25.36E.
 - (7) 04 06.18N 103 25.54E.
 - (8) 04 05.08N 103 35.62E.
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE – 6 MAY 16.
 3. CHART AFFECTED: MAL 5, MAL 645 AND MAL 65.
-

103/2016(T) MALAYSIA – Sarawak– Miri – Platform Drilling Installation.

Source: Petronas Carigali Sdn. Bhd.

1. PLATFORM DRILLING INSTALLATION - 18 MAY TO 31 MAY 16 AT 04 26.27N 113 48.13E.
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE – 1 JUN 16.
 3. CHART AFFECTED: MAL 6, MAL 750 AND MAL 754.
-

104/2016(T) MALAYSIA – Sabah – Tanjung Aru – Pre – Lay route survey(Skr1m).

Source: Sabah Marine Department Notice No. 10/2016(T).

1. PRE – LAY ROUTE SURVEY(SKR1M) - 25 APR TO 15 MAY 16 AT AREA BOUNDED BY:
 - (a) SEGMENT 4.
 - (1) 05 55.63N 116 01.40E
 - (2) 05 55.88N 116 01.62E
 - (3) 05 55.97N 116 01.69E
 - (4) 05 55.01N 116 01.72E
 - (5) 05 55.04N 116 02.60E
 - (b) SEGMENT 5.
 - (1) 05 56.55N 116 01.57E
 - (2) 05 56.55N 116 01.67E
 - (3) 05 56.66N 116 01.92E
 - (4) 05 56.73N 116 02.11E
 - (5) 05 57.07N 116 02.64E
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE – 16 MAY 16.
 3. CHART AFFECTED: MAL 6, MAL 8608, MAL 864 AND MAL 872.
-

105/2016(T) MALAYSIA – Kelantan – Kota Bharu – Mobilization and Installation Operation.

Source: Marine Department of Malaysia Notice No. 47/2016(T).

1. MOBILIZATION AND INSTALLATION OPERATION – 16 APR TO 19 MAY 16 AT
07 07.99N 103 25.21E.
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE – 20 MAY 16.
 3. CHART AFFECTED: MAL 5 AND MAL 68.
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106/2016(T) MALAYSIA – Thailand And Kedah – Satun, Seberang Prai – Subsea Cable System.

Source: Naval Hydrographic Centre Myanmar Navy.

1. HYDROGRAPHIC FEASIBILITY STUDY SURVEY FOR SUBSEA CABLE SYSTEM –
25 APR TO 15 MAY 16 AT AREA BOUNDED BY:
 - (1) 06 50.76N 99 44.53E.
 - (2) 05 29.69N 100 24.00E.
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE – 16 MAY 16.
 3. CHART AFFECTED: MAL 5, MAL 553, MAL 554, MAL 565 AND MAL 58
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HYDROGRAPHIC NOTE
(for instructions, see overleaf)

Date :

Ref No : _____

Name of ship or address of sender.

General locality

Subject

Approx position Lat

Long

Chart Affected

Latest Notice to Mariners held

Publication affected (Edition No date of latest supplement, page and Light List No etc)

Details :-

A replacement copy of Chart No.

is required, but see 4 overleaf

Signature of observer/reporter

HYDROGRAPHIC NOTE

Forwarding Information for Malaysian Charts and Hydrographic Publications

INSTRUCTION: -

1. Mariners are requested to notify the National Hydrographic Centre, Bandar Armada Putra, Pulau Indah, 42009 PORT KLANG, Selangor, Malaysia, when new or suspected dangers to navigation are discovered, change observed in aids to navigation, or corrections to publications seems to be necessary.
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 Hydrographic Directorate at the above address.
3. When **position** is defined by sextant angles or bearings (true or magnetic being specified) more than two should be used in order to provide and check. Distances observed by radar and the reading of Loran, Decca, etc, should be quoted. However, when there is a series of fixes along a ship course, only the method of fixing and the objects used need be indicated. Latitude and longitude should only be used specifically to position the details when they have been fixed by the astronomical observations and full description of the latter should be given.
4. A cutting from the largest scale 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 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 on the chart itself) these should be in red as above, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.
5. When **soundings** are obtained The Mariner's Handbook (NP 100) should be consulted. The echo sounding trace should be marked with times, depths, etc., and forwarded with the report. It is important to state 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. Time and date should be given in order that corrections for the height of the tide may be made where necessary. The make, name and type of set, together with stylus speed/sound velocity, should also be given.
6. Modern echo sounders frequently register greater depths than the advertised maximum for the set, e.g. with a set whose maximum is 500 metres, a trace appearing at 50 metres may in fact be 550 metres or even 1050 metres. Sounding recorded beyond the set's nominal range usually be recognised 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 trace.

As a check that apparently shoal soundings are not due to echoes beyond the set's nominal range sounding 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 depth.

7. Reports, which cannot be confirmed or are lacking in certain details should 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. Reports of **shoal soundings**, uncharted dangers and navigational aids out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 30 metres or 15 fathoms may be sufficient importance to justify a radio message.
9. **Port Information** should be forwarded on Form MH 501a together with Form MH 501. Form MH 501a list the information required for Admiralty Sailing Directions and should be used as an *aide memoire*. Where there is insufficient space on the form an additional sheet should be used.

Note: An acknowledgement of receipt will be sent and the information then used to the best advantage, which may mean immediate action or inclusion in revision in due course. When the Notice to Mariners is issued, the sender's vessel or name is quoted as sometimes happens the information is also received in foreign Notice to Mariners. Further communication should be expected only if the information is of outstanding value or has unusual features.

**HYDROGRAPHIC NOTE FOR PORT
INFORMATION**
(To accompany Form MH 501)

Name of ship or address of sender

Ref No

Date

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| 1. | NAME OF PORT |
| 2. | GENERAL REMARKS Principal activities and trade Latest population figures and date Number of ships or tonnage handled per year Maximum size of vessel handled. Copy of Port Handbook if available |
| 3. | ANCHORAGES Designation, depths holding ground, shelter afforded |
| 4. | PILOTAGE Authority for requests. Embarkation position. Regulations. |
| 5. | DIRECTIONS Entry and berthing information Tidal Streams. Navigational aids |
| 6. | TUGS Number available and max. hp. |
| 7. | WHARVES Names, number or positions. Lengths. Depth alongside. Height above Chart Datum Facilities available |
| 8. | CARGO HANDLING Container, lighters, Ro – Ro etc. |
| 9. | CRANES Brief details and max. capacity |
| 10. | REPAIRS Hull, machinery and underwater. Ship and boat yards. Docking or shipping facilities. Gives sizes of vessels handled or dimensions. Hard and ramps. Divers. |
| 11. | RESCUE AND DISTRESS Salvage, lifeboat Coastguard, etc. |
| 12. | SUPPLIES Fuel with type and quantities available |

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| | Fresh water with rate of supply. Provisions. |
| 13. | SERVICES Medical De-ratting Consuls. Ship chandlery, compass adjustment, tank cleaning, hull painting. |
| 14. | COMMUNICATIONS Road, rail and air services available. Nearest airport or airfield. Port radio and information service with frequencies and hours of operating. |
| 15. | PORT AUTHORITY Designation, address and telephone number. |
| 16. | SMALL CRAFT FACILITIES Information and facilities for small craft (e.g. yachts) visiting the port. Yacht Clubs, berth, etc. |
| 17. | VIEWS Photographs (where permitted) of the approaches, leading marks, the entrance to the harbour, etc. Picture postcards may also be useful |

Signature of observer/reporter.....