



MALAYSIAN NOTICES TO MARINERS

Monthly Edition 03 of 2019
31st MARCH 2019

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: nhc@hydro.gov.my / nhc@navy.mil.my immediately upon the discovery of new dangers, changes or defects in aids to navigation and shortcoming in Malaysian charts or publications. Malaysian Notice to Mariners Online (MyNTM Online) can be accessed directly from link below: <https://goo.gl/yCXdSV>.

HANAFIAH BIN HASSAN
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 of Malaysia and should be inserted on the charts affected in waterproof violet ink in case of permanent notices and in pencil in case of temporary and preliminary 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.

INDEX OF CHARTS AFFECTED			
MAL 5	73*/2019, 86*/2019	MAL 6400	84*/2019
MAL 5123	74/2019	MAL 645	95(T)*/2019
MAL 5128	74/2019	MAL 655	87(T)*/2019
MAL 5129	74/2019	MAL 664	95(T)*/2019
MAL 515	75/2019, 76/2019	MAL 68	73*/2019, 87(T)*/2019, 92(T)*/2019, 94(T)*/2019
MAL 521	77*/2019, 78/2019	MAL 7317	89(T)*/2019
MAL 54	77*/2019	MAL 7332	89(T)*/2019
MAL 5529	79*/2019	MAL 740	81*/2019, 97(T)*/2019, 99(T)*/2019
MAL 553	79*/2019	MAL 741	81*/2019, 89(T)*/2019, 93(T)*/2019, 97(T)*/2019, 99(T)*/2019
MAL 5536	79*/2019, 86*/2019	MAL 750	81*/2019, 90(T)*/2019, 98(T)*/2019
MAL 554	79*/2019, 80*/2019, 86*/2019	MAL 751	81*/2019, 89(T)*/2019, 90(T)*/2019, 93(T)*/2019, 97(T)*/2019, 99(T)*/2019
MAL 565	79*/2019, 86*/2019	MAL 752	85*/2019
MAL 6	81*/2019, 88(T)*/2019, 90(T)*/2019	MAL 754	85*/2019, 90(T)*/2019, 98(T)*/2019
MAL 6124	82/2019	MAL 762	81*/2019
MAL 6134	82/2019	MAL 864	85*/2019, 90(T)*/2019, 96(T)*/2019
MAL 625	91(T)*/2019	MAL 865	90(T)*/2019
MAL 635	83*/2019	MAL 872	85*/2019, 90(T)*/2019, 96(T)*/2019

SECTION II

CORRECTIONS TO CHARTS

73*/2019 MALAYSIA-THAILAND – South China Sea – Cakerawala Field – Platforms.

Source: Carigali-PTTEPI Operation Company Sdn Bhd.

Chart MAL 5 (Last Correction 66/2019) WGS 84 DATUM

Insert		ADA	07° 24'.93N,	103° 26'.30E
		ADB	07° 22'.70N,	103° 28'.07E
		TJA	07° 38'.22N,	103° 04'.88E

Chart MAL 68 (Last Correction 285/2018) WGS 84 DATUM

Insert		ADA	07° 24'.93N,	103° 26'.30E
		ADB	07° 22'.70N,	103° 28'.07E
		TJA	07° 38'.22N,	103° 04'.88E

74/2019 SINGAPORE – Tuas View – Working area. Light buoys.

Source: Maritime and Port Authority of Singapore NM 3, 23/2019.

Chart MAL 5123 (Last Correction 54/2019) WGS 84 DATUM

Delete	limit of working area, pecked line, joining:		01° 17'.50N,	103° 36'.62E
			01° 17'.44N,	103° 36'.86E
		Fl.Y.2s HD-TWC9	01° 17'.44N,	103° 36'.86E
Insert	limit of working area, pecked line, joining:		01° 17'.50N,	103° 36'.62E
			01° 16'.92N,	103° 36'.47E
			01° 16'.91N,	103° 36'.56E
			01° 17'.06N,	103° 36'.72E
			01° 17'.11N,	103° 36'.77E
			01° 17'.44N,	103° 36'.86E
		Fl.Y.2s HD-TWC5	01° 18'.09N,	103° 36'.79E
		Fl.Y.2s HD-TWC6	01° 16'.92N,	103° 36'.47E
		Fl.Y.2s HD-TWC9	01° 17'.06N,	103° 36'.72E



Fl.Y.2s HD-TWC11

01° 19'.86N, 103° 37'.36E



Fl.Y.2s HD-TWC12

01° 19'.28N, 103° 37'.00E



Fl.Y.2s HD-TWC13

01° 19'.07N, 103° 36'.97E



Fl.Y.2s HD-TWC14

01° 19'.82N, 103° 37'.42E

Chart MAL 5128 (Last Correction 148/2018) WGS 84 DATUM

Insert



Fl.Y.2s HD-TWC11

01° 19'.86N, 103° 37'.36E



Fl.Y.2s HD-TWC12

01° 19'.28N, 103° 37'.00E



Fl.Y.2s HD-TWC13

01° 19'.07N, 103° 36'.97E



Fl.Y.2s HD-TWC14

01° 19'.82N, 103° 37'.42E

Chart MAL 5129 (Last Correction 54/2019) WGS 84 DATUM

Insert



Fl.Y.2s HD-TWC11

01° 19'.86N, 103° 37'.36E



Fl.Y.2s HD-TWC12

01° 19'.28N, 103° 37'.00E



Fl.Y.2s HD-TWC13

01° 19'.07N, 103° 36'.97E



Fl.Y.2s HD-TWC14

01° 19'.82N, 103° 37'.42E

75/2019

SINGAPORE – Changi Naval Base – Obstruction. Wreck.

Source: Maritime and Port Authority of Singapore NM 7/2019.

Chart MAL 515 (Last Correction 64/2019) WGS 84 DATUM

Replace



15₉ Wk, with 18 Wk

01° 17'.90N, 103° 56'.56E



5₃ Obstn, with 6₃ Obstn

01° 17'.96N, 103° 56'.19E

76/2019 **INDONESIA – Pulau Batam – W Pulau Tanjungsau – Light buoy.**

Source: Maritime and Port Authority of Singapore NM 32/2019.

Chart MAL 515 (Last Correction 75/2019) WGS 84 DATUM

Delete  *FI(2)5s* 01° 03'.73N, 104° 08'.80E

77*/2019 **MALAYSIA – Melaka – P. Undan – Wreck.**

Source: Marine Department of Malaysia No. 39(T)/2019.

Chart MAL 521 (Last Correction 54/2019) WGS 84 DATUM

Insert  *PA* 02° 02'.98N, 102° 20'.11E

Chart MAL 54 (Last Correction 66/2019) WGS 84 DATUM

Insert  *PA* 02° 02'.98N, 102° 20'.11E

78/2019 **INDONESIA – Sumatera – Buoy.**

Source: British Admiralty Notice No. 1532/19.

Chart MAL 521 (Last Correction 77/2019) WGS 84 DATUM

Amend light-buoy to, *FI.G.3s* 01° 32'.39N, 101° 57'.12E

79*/2019 **MALAYSIA – Pulau Pinang – Kedah Pier – Light buoy.**

Source: Marine Department of Malaysia No. 172/2018.

Chart MAL 5529 (Last Correction 34/2019) WGS 84 DATUM

Insert  *Kedah Pier
FI(2)10s* 05° 25'.71N, 100° 20'.72E

Chart MAL 553 (Last Correction 282/2018) WGS 84 DATUM

Insert  *Kedah Pier
FI(2)10s* 05° 25'.71N, 100° 20'.72E

Chart MAL 5536 (Last Correction 38/2019) WGS 84 DATUM

Insert  *Kedah Pier
FI(2)10s* 05° 25'.71N, 100° 20'.72E

Chart MAL 554 (Last Correction 38/2019) WGS 84 DATUM

Insert  *Kedah Pier
FI(2)10s* 05° 25'.71N, 100° 20'.72E

Insert  *Kedah Pier*
Fl(2)10s 05° 25'.71N, 100° 20'.72E

80*/2019 MALAYSIA – Pulau Pinang – Pulau Jerejak – Block.

Source: National Hydrographic Centre.

Chart MAL 554 (Last Correction 79/2019) WGS 84 DATUM

Insert the accompanying block, centred on: 05° 20'.00N, 100° 21'.05E

81*/2019 MALAYSIA – Sarawak – SW Central Luconia Field – Submarine pipeline. Legend.

Source: Sarawak Shell Bhd.

Chart MAL 6 (Last Correction 59/2019) WGS 84 DATUM

Insert submarine pipeline, , joining:

(a)	04° 16'.50N,	112° 22'.84E()
(b)	04° 12'.13N,	112° 19'.87E
(c)	04° 09'.81N,	112° 18'.64E
(d)	04° 03'.79N,	112° 14'.12E
(e)	03° 59'.48N,	112° 11'.88E
(f)	03° 49'.74N,	112° 06'.02E
(g)	03° 47'.62N,	112° 03'.80E
(h)	03° 45'.86N,	112° 03'.95E()

legend, *Minyak / Oil*, along: (a)-(h) above

submarine pipeline, , joining:

(a)	04° 16'.50N,	112° 22'.85E()
(b)	04° 13'.30N,	112° 22'.45E
(c)	04° 11'.13N,	112° 22'.00E
(d)	04° 08'.04N,	112° 21'.37E()

legend, *Gas*, along: (a)-(d) above

Chart MAL 740 (Last Correction 58/2019) WGS 84 DATUM

Insert submarine pipeline, , joining:

(a)	03° 56'.74N,	112° 10'.23E(E border)
(b)	03° 49'.74N,	112° 06'.02E
(c)	03° 47'.62N,	112° 03'.80E
(d)	03° 46'.97N,	112° 03'.46E
(e)	03° 45'.86N,	112° 03'.95E()

legend, *Minyak / Oil*, along: (a)-(e) above

Chart MAL 741 (Last Correction 232/2018) WGS 84 DATUM

Insert submarine pipeline, , joining:

(a)	04° 02'.93N,	112° 13'.68E(N border)
(b)	03° 59'.48N,	112° 11'.88E
(c)	03° 56'.74N,	112° 10'.23E
(d)	03° 49'.74N,	112° 06'.02E
(e)	03° 47'.62N,	112° 03'.80E

(f) 03° 47'.16N, 112° 03'.49E
 (g) 03° 46'.68N, 112° 03'.50E
 (h) 03° 45'.86N, 112° 03'.95E(□)

legend, *Minyak / Oil*, along:

(a)-(h) above

Chart MAL 750 (Last Correction 286/2018) WGS 84 DATUM

Insert

submarine pipeline, —●—●—●, joining:

(a) 04° 16'.50N, 112° 22'.84E(□)
 (b) 04° 15'.79N, 112° 22'.54E
 (c) 04° 15'.24N, 112° 22'.20E
 (d) 04° 14'.64N, 112° 21'.65E
 (e) 04° 12'.13N, 112° 19'.87E
 (f) 04° 11'.13N, 112° 19'.46E
 (g) 04° 09'.93N, 112° 18'.71E(W border)

legend, *Minyak / Oil*, along:

(a)-(g) above

submarine pipeline, —●—●—●, joining:

(a) 04° 16'.50N, 112° 22'.85E(□)
 (b) 04° 15'.45N, 112° 22'.52E
 (c) 04° 14'.38N, 112° 22'.39E
 (d) 04° 13'.30N, 112° 22'.45E
 (e) 04° 12'.22N, 112° 22'.32E
 (f) 04° 11'.13N, 112° 22'.00E
 (g) 04° 08'.90N, 112° 21'.93E
 (h) 04° 08'.25N, 112° 21'.60E
 (i) 04° 08'.04N, 112° 21'.37E(□)

legend, *Gas*, along:

(a)-(i) above

Chart MAL 751 (Last Correction 62/2019) WGS 84 DATUM

Insert

submarine pipeline, —●—●—●, joining:

(a) 04° 16'.50N, 112° 22'.84E(□)
 (b) 04° 14'.64N, 112° 21'.65E
 (c) 04° 12'.13N, 112° 19'.87E
 (d) 04° 09'.81N, 112° 18'.64E
 (e) 04° 03'.79N, 112° 14'.12E
 (f) 03° 59'.48N, 112° 11'.88E
 (g) 03° 49'.74N, 112° 06'.02E
 (h) 03° 47'.62N, 112° 03'.80E
 (i) 03° 46'.97N, 112° 03'.46E
 (j) 03° 45'.86N, 112° 03'.95E(□)

legend, *Minyak / Oil*, along:

(a)-(j) above

submarine pipeline, —●—●—●, joining:

(a) 04° 16'.50N, 112° 22'.85E(□)
 (b) 04° 15'.45N, 112° 22'.52E
 (c) 04° 14'.38N, 112° 22'.39E
 (d) 04° 13'.30N, 112° 22'.45E
 (e) 04° 12'.22N, 112° 22'.32E
 (f) 04° 11'.13N, 112° 22'.00E
 (g) 04° 08'.90N, 112° 21'.93E
 (h) 04° 08'.42N, 112° 21'.73E
 (i) 04° 08'.04N, 112° 21'.37E(□)

legend, *Gas*, along:

(a)-(i) above

Chart MAL 762 (Last Correction 112/2018) WGS 84 DATUM

Insert	submarine pipeline,  , joining:	(a) 04° 16'.50N,	112° 22'.85E()
		(b) 04° 15'.79N,	112° 22'.54E
		(c) 04° 14'.64N,	112° 21'.66E
		(d) 04° 13'.81N,	112° 21'.13E
		(e) 04° 13'.00N,	112° 20'.41E(S border)
	legend, <i>Minyak / Oil</i> , along:	(a)-(e) above	
	submarine pipeline,  , joining:	(a) 04° 16'.50N,	112° 22'.85E()
		(b) 04° 15'.45N,	112° 22'.52E
		(c) 04° 14'.38N,	112° 22'.39E
		(d) 04° 13'.30N,	112° 22'.45E
		(e) 04° 13'.00N,	112° 22'.42E(S border)
	legend, <i>Gas</i> , along:	(a)-(e) above	

82/2019 SINGAPORE – Changi Naval Base – Obstruction.

Source: Maritime and Port Authority of Singapore NM 25/2019.

Chart MAL 6124 (Last Correction 64/2019) WGS 84 DATUM

Insert  *Obstn* 01° 19'.78N, 104° 03'.50E

Chart MAL 6134 (Last Correction 60/2019) WGS 84 DATUM

Insert  *Obstn* 01° 19'.78N, 104° 03'.50E

83*/2019 MALAYSIA – Pahang – NW Pulau Tioman – Wreck.

Source: Marine Department of Malaysia No. 47(T)/2019.

Chart MAL 635 (Last Correction 288/2018) WGS 84 DATUM

Insert  *PA* 02° 56'.12N, 103° 49'.17E

84*/2019 MALAYSIA – Pahang – Sg. Balok – Light beacon.

Source: Marine Department of Malaysia No. 73/2015.

Chart MAL 6400 (Last Correction NC/2018) WGS 84 DATUM

Delete  Q.8m4M 03° 56'.26N, 103° 22'.57E

85*/2019 MALAYSIA – Sabah – Pulau Labuan – Light beacon.

Source: Marine Department of Malaysia No. 40/2019.

Chart MAL 752 (Last Correction 287/2018) WGS 84 DATUM

Insert  FI(2)15s15M 05° 24'.72N, 115° 14'.83E

Chart MAL 754 (Last Correction 286/2018) WGS 84 DATUM

Insert  FI(2)15s15M 05° 24'.72N, 115° 14'.83E

Chart MAL 864 (Last Correction 65/2019) WGS 84 DATUM

Insert  FI(2)15s15M 05° 24'.72N, 115° 14'.83E

Chart MAL 872 (Last Correction 65/2019) WGS 84 DATUM

Insert  FI(2)15s15M 05° 24'.72N, 115° 14'.83E

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86*/2019 Corrigendum Notices to Mariners 01 of 2019.

Replace Notices No. 38/2019.

1. Muka Head lighthouse, in position 05°28'.34N, 100°10'.83E is restored to normal.
 2. Former Notice No. 264/2018(T) is cancelled.
 3. Charts affected – MAL 5 – MAL 5536 – MAL 554 – MAL 565.
-

SECTION III

NAVIGATIONAL WARNINGS

87(T)*/2019 MALAYSIA – Terengganu – Kertih – Drilling Operation.

Source: Marine Department of Malaysia No. 37/2019(T).

1. Drilling Operation – 26 Feb to 26 Jul 19. Positions as follow:
(1) 05°31'.12N, 105°40'.25E.
(2) 05°31'.13N, 105°37'.28E.
 2. Vessel involved – PV Drilling II.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 655 and MAL 68.
 5. Cancel this notice 27 Jul 19.
(WGS 84)
-

88(T)*/2019 MALAYSIA – Sarawak – Beting Raja Jarom – Electromagnetic (CSEM) Survey.

Source: Sarawak Marine Department No. 23/2019(T).

1. Electromagnetic (CSEM) Survey – 08 Mar to 08 Jul 19. Positions as follow:
(1) 01°56'.53N, 110°04'.41E.
(2) 05°08'.86N, 110°31'.98E.
(3) 03°35'.40N, 112°36'.45E.
(4) 04°56'.24N, 111°04'.47E.
(5) 04°55'.08N, 111°05'.50E.
(6) 06°20'.53N, 110°15'.22E.
(7) 03°43'.61N, 112°58'.22E.
(8) 05°24'.29N, 111°34'.83E.
(9) 05°23'.66N, 111°35'.36E.
(10) 06°36'.72N, 110°34'.51E.
(11) 04°11'.45N, 113°36'.77E.
(12) 05°30'.24N, 112°22'.24E.
(13) 05°28'.97N, 112°23'.26E.
(14) 06°57'.09N, 111°22'.98E.
(15) 05°17'.50N, 110°04'.28E.
(16) 05°44'.60N, 111°30'.42E.
(17) 05°44'.60N, 111°30'.42E.
(18) 06°29'.41N, 112°21'.54E.
(19) 03°17'.55N, 109°59'.41E.
(20) 05°19'.17N, 112°38'.78E.
(21) 05°18'.68N, 112°38'.13E.
(22) 05°31'.85N, 112°55'.51E.
(23) 02°41'.86N, 109°53'.70E.
(24) 03°05'.06N, 111°48'.27E.
(25) 03°05'.06N, 111°48'.27E.
(26) 04°22'.87N, 113°28'.57E.
(27) 04°22'.87N, 113°28'.57E.
(28) 04°49'.21N, 113°50'.15E.
 2. Vessel involved – MV Boa Thalassa.
 3. Berth of 3 nm requested.
 4. Chart affected: MAL 6.
 5. Cancel this notice 09 Jul 19.
(WGS 84)
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89(T)*/2019 MALAYSIA – Sarawak – Bintulu Port – Maintenance Dredging Work.

Source: Sarawak Marine Department No. 25/2019(T).

1. Maintenance Dredging Work – 28 Feb to 27 May 19. Positions as follow:
Dredging Area Coordinates:
(1) 03°16'.03N, 113°03'.42E.
(2) 03°16'.03N, 113°03'.38E.
(3) 03°15'.96N, 113°03'.42E.
(4) 03°15'.96N, 113°03'.38E.
Offshore Dumping Coordinates:
(1) 03°14'.05N, 112°53'.05E.
(2) 03°15'.08N, 112°53'.05E.
(3) 03°15'.08N, 112°55'.00E.
(4) 03°14'.05N, 112°55'.00E.
 2. Vessels involved – Tug Cool Beluga, Tug Cool Dugong 88, Tug Cool Dugong 98, Tug Cool Dugong 113, Tug Sheng Yong 3, Tug KSE.SPD 5, Barge Cool Hippo 28, Barge Cool Hippo 31 and Barge Cool Hippo 1203.
 3. Wide berth requested.
 4. Chart affected: MAL 7317, MAL 7332, MAL 741 and MAL 751.
 5. Cancel this notice 28 May 19.
(WGS 84)
-

90(T)*/2019 MALAYSIA – Sabah – Pulau Mangalum – Mobilization and Operations.

Source: Sarawak Marine Department No. 24/2019(T).

1. Mobilization of PFLNG 1 Platform – 06 Mar to 15 Apr 19. Position as follow:
(1) 04°20'.17N, 111°58'.01E.
(2) 04°34'.00N, 112°45'.00E.
(3) 04°50'.00N, 113°06'.16E.
(4) 05°33'.00N, 114°38'.33E.
(5) 06°26'.33N, 115°26'.01E.
 2. Vessels involved – MV Bridgewater 132, MV Sk Line 82, Tug GH Endeavour and Tug GH Columbia.
 3. Wide berth requested.
 4. Chart affected: MAL 6, MAL 750, MAL 751, MAL 754, MAL 864, MAL 865 and MAL 872.
 5. Cancel this notice 16 Apr 19.
(WGS 84)
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91(T)*/2019 MALAYSIA – Johor – Aur Islands – Firing Exercise.

Source: Marine Department of Malaysia No. 50/2019(T).

1. Firing Exercise – 03 to 17 Apr 19. Area bounded by:
(1) 02°00'.00N, 104°17'.00E.
(2) 02°30'.00N, 104°17'.00E.
(3) 02°30'.00N, 104°55'.00E.
(4) 02°00'.00N, 104°55'.00E.
 2. Vessel involved – Royal Malaysian Navy.
 3. Mariners are advised to keep well clear from the exercise area and navigate with extra caution when in vicinity.
 4. Chart affected: MAL 625
 5. Cancel this notice 18 Apr 19.
(WGS 84)
-

92(T)*/2019 MALAYSIA – Terengganu – Abu Marine Terminal – Seismic Survey Operation.

Source: Marine Department of Malaysia No. 48/2019(T).

1. Seismic Survey Operation – 21 Mar to 01 Jun 19. Area bounded by:
 - (1) 06°23'.54N, 104°59'.02E.
 - (2) 06°17'.27N, 104°59'.02E.
 - (3) 06°17'.27N, 105°01'.40E.
 - (4) 06°07'.55N, 105°01'.40E.
 - (5) 06°07'.55N, 105°18'.23E.
 - (6) 06°04'.29N, 105°18'.23E.
 - (7) 06°04'.27N, 105°25'.40E.
 - (8) 06°04'.17N, 105°25'.40E.
 - (9) 06°23'.54N, 105°04'.50E.
 2. Vessels involved – MV Vespucci and MV Nur Barakah.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 68.
 5. Cancel this notice 02 Jun 19.
(WGS 84)
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93(T)*/2019 MALAYSIA – Sarawak – West Patricia Field – Underwater Inspection works.

Source: Sarawak Marine Department No. 26/2019(T).

1. Underwater Inspection works – 16 Apr to 12 May 19. Positions as follow:
 - (1) 03°37'.74N, 112°40'.44E.
 - (2) 03°37'.70N, 112°40'.46E.
 - (3) 03°37'.97N, 112°42'.35E.
 - (4) 03°32'.37N, 112°48'.64E.
 - (5) 03°35'.20N, 112°56'.58E.
 - (6) 03°32'.41N, 112°47'.94E.
 - (7) 03°32'.37N, 112°48'.64E.
 - (8) 03°35'.20N, 112°56'.58E.
 - (9) 03°28'.22N, 112°30'.64E.
 - (10) 03°34'.71N, 112°48'.69E.
 2. Vessel involved – MV Sapura Kencana Jane.
 3. Wide berth requested.
 4. Chart affected: MAL 741 and MAL 751.
 5. Cancel this notice 13 May 19.
(WGS 84)
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94(T)*/2019 MALAYSIA – Terengganu – Bergading Field – Soil Sampling and Boring Operations.

Source: HESS Exploration & Production Malaysia B.V (HEPM).

1. Soil Sampling and Boring Operations – 29 Mar to 13 Apr 19. Positions as follow:
 - (1) 06°51'.90N, 103°18'.55E.
 - (2) 06°53'.21N, 103°22'.22E.
 - (3) 07°11'.15N, 103°26'.60E.
 2. Vessel involved – MV Java Illthya.
 3. Berth of 3 nm requested.
 4. Chart affected: MAL 68.
 5. Cancel this notice 14 Apr 19.
(WGS 84)
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95(T)*/2019 MALAYSIA – Terengganu – Redang Island – Hydrographic Survey.

Source: National Hydrographic Centre.

1. Hydrographic Survey – 05 to 30 Apr 19. Area bounded by:
 - (1) 05°51'.14N, 102°58'.41E.
 - (2) 05°51'.14N, 103°01'.76E.
 - (3) 05°47'.62N, 103°05'.49E.
 - (4) 05°46'.14N, 103°05'.80E.
 - (5) 05°44'.82N, 103°05'.27E.
 - (6) 05°42'.45N, 103°03'.05E.
 - (7) 05°41'.76N, 103°00'.12E.
 - (8) 05°42'.09N, 102°58'.51E.
 - (9) 05°44'.03N, 102°57'.58E.
 - (10) 05°47'.69N, 102°57'.09E.
 2. Vessel involved – Survey Boat.
 3. Wide berth requested.
 4. Chart affected: MAL 645 and MAL 664.
 5. Cancel this notice 01 May 19.
(WGS 84)
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96(T)*/2019 MALAYSIA – Sabah – Kinarut Field – Drilling Operation.

Source: Sabah Marine Department No. 6/2019(T).

1. Drilling Operation – 31 Mar to 18 May 19 at 06°20'.31N, 115°09'.03E.
 2. Vessel involved – MV West Carina.
 3. Wide berth requested.
 4. Chart affected: MAL 864 and MAL 872.
 5. Cancel this notice 19 May 19.
(WGS 84)
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97(T)*/2019 MALAYSIA – Sarawak – Bayan Field – Marine Geohazards Survey.

Source: Sarawak Marine Department No. 29/2019(T).

1. Marine Geohazards Survey – 25 Mar to 25 Apr 19. Positions as follow:
 - (1) 03°26'.65N, 112°23'.46E.
 - (2) 03°27'.48N, 112°26'.94E.
 - (3) 03°27'.08N, 112°21'.08E.
 - (4) 03°14'.28N, 112°44'.26E.
 - (5) 03°51'.05N, 112°04'.48E.
 - (6) 03°54'.27N, 112°18'.71E.
 2. Vessel involved – MV Insignia.
 3. Wide berth requested.
 4. Chart affected: MAL 740, MAL 741 and MAL 751.
 5. Cancel this notice 26 Apr 19.
(WGS 84)
-

98(T)*/2019 MALAYSIA – Sarawak – Bokor Field – Installation of Drilling Rigs.

Source: Sarawak Marine Department No. 34/2019(T).

1. Installation of Drilling Rigs – 28 Mar to 30 Jun 19. Positions as follow:
(1) 04°33'.23N, 113°37'.70E.
(2) 04°32'.74N, 113°37'.37E.
(3) 04°32'.66N, 113°37'.93E.
 2. Vessels involved – MV Armada Firman 2, MV Armada Tuah 100, MV Bridgewater 132, MV SM Explorer, MV L.Ut-One, MV Sealink Maju 27, MV Psalm 38, MV Seagood Victoria 6, Tug SM Pargo, Tug K.281, Tug Slp 389, Tug Maritime Pride, Tug Rane Brooke II, and Tug Eos Steller.
 3. Wide berth requested.
 4. Chart affected: MAL 750 and MAL 754.
 5. Cancel this notice 01 Jul 19.
(WGS 84)
-

99(T)*/2019 MALAYSIA – Sarawak – D 35 Field – Drilling Activities.

Source: Sarawak Marine Department No. 33/2019(T).

1. Drilling Activities – 31 Mar to 01 Sep 19. Positions as follow:
(1) 03°47'.56N, 112°02'.72E.
(2) 03°45'.77N, 112°03'.96E.
 2. Vessels involved – MV Setia Hijrah, MV Perdana Expedition and Rig Naga 4.
 3. Wide berth requested.
 4. Chart affected: MAL 740, MAL 741 and MAL 751.
 5. Cancel this notice 02 Sep 19.
(WGS 84)
-

Block for Chart MAL 554

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 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 lists 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

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

	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.....