



MALAYSIAN NOTICES TO MARINERS

Monthly Edition 05 of 2019
31st MAY 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	116/2019, 117/2019, 118*/2019, 128(T)*/2019, 129(T)*/2019	MAL 645	141(T)*/2019
MAL 5129	118*/2019	MAL 654	140(T)*/2019
MAL 515	116/2019	MAL 664	140(T)*/2019
MAL 521	118*/2019	MAL 68	123*/2019, 132(T)*/2019, 140(T)*/2019
MAL 5300	119*/2019	MAL 7257	126(T)*/2019
MAL 5307	120*/2019	MAL 740	126(T)*/2019
MAL 532	117/2019, 121/2019, 128(T)*/2019, 129(T)*/2019	MAL 741	133(T)*/2019
MAL 5322	120*/2019, 129(T)*/2019	MAL 750	124*/2019, 125(T)*/2019, 130(T)*/2019, 131(T)*/2019, 135(T)*/2019, 138(T)*/2019, 143(T)*/2019
MAL 54	117/2019, 121/2019, 128(T)*/2019, 129(T)*/2019	MAL 751	130(T)*/2019, 131(T)*/2019, 133(T)*/2019, 135(T)*/2019, 138(T)*/2019, 142(T)*/2019
MAL 540	121/2019, 129(T)*/2019	MAL 752	125(T)*/2019
MAL 5416	127(T)*/2019	MAL 754	125(T)*/2019, 135(T)*/2019, 143(T)*/2019
MAL 5419	127(T)*/2019	MAL 762	130(T)*/2019, 131(T)*/2019, 138(T)*/2019, 142(T)*/2019
MAL 5425	127(T)*/2019	MAL 781	134(T)*/2019, 136(T)*/2019, 137(T)*/2019, 138(T)*/2019
MAL 6	138(T)*/2019	MAL 864	138(T)*/2019, 139(T)*/2019
MAL 6147	116/2019	MAL 865	139(T)*/2019
MAL 635	122*/2019	MAL 872	139(T)*/2019
MAL 6416	141(T)*/2019		

SECTION II

CORRECTIONS TO CHARTS

116/2019 SINGAPORE – Batu Puteh – Racon. Legend.

Source: Maritime and Port Authority of Singapore NM 54/2019.

Chart MAL 5 (Last Correction 104/2019) WGS 84 DATUM

Insert  legend, Racon(O), at lighthouse 01° 19'.81N, 104° 24'.34E

Chart MAL 515 (Last Correction 76/2019) WGS 84 DATUM

Insert  legend, Racon(O), at lighthouse 01° 19'.81N, 104° 24'.34E

Chart MAL 6147 (Last Correction 56/2019) WGS 84 DATUM

Insert  legend, Racon(O), at lighthouse 01° 19'.81N, 104° 24'.34E

117/2019 MALACCA STRAIT – Buoy. Light-beacon. Light.

Source: British Admiralty Notice No. 2383/19.

Chart MAL 5 (Last Correction 116/2019) WGS 84 DATUM

Insert  Q(6)+LFI.15s (a) 02° 49'.38N, 100° 56'.07E

Delete  Q(6)+LFI.15s13m12M, close SE of: (a) above

Chart MAL 532 (Last Correction 100/2019) WGS 84 DATUM

Insert  Q(6)+LFI.15s (a) 02° 49'.38N, 100° 56'.07E

Delete  Q(6)+LFI.15s13m12M, close SE of: (a) above

Chart MAL 54 (Last Correction 100/2019) WGS 84 DATUM

Insert  Q(6)+LFI.15s (a) 02° 49'.38N, 100° 56'.07E

Delete  Q(6)+LFI.15s11M, close SE of: (a) above

118*/2018 MALAYSIA – Johor – SW P. Pisang – Wreck.

Source: Joint Hydrographic Survey - Indonesian, Malaysian, Singapore and Japan.

Chart MAL 5 (Last Correction 117/2019) WGS 84 DATUM

Replace  Wk with  Wk 01° 25'.29N, 103° 06'.66E

Chart MAL 5129 (Last Correction 74/2019) WGS 84 DATUM

Replace  Wk with  Wk 01° 25'.29N, 103° 06'.66E

Chart MAL 521 (Last Correction 78/2019) WGS 84 DATUM

Replace  Wk with  Wk 01° 25'.29N, 103° 06'.66E

119*/2019 MALAYSIA – Selangor – Pelabuhan Klang – Blocks.

Source: National Hydrographic Centre.

Chart MAL 5300 (Last Correction 40/2019) WGS 84 DATUM

Insert the accompanying block, centred on: (a) 02° 56'.00N, 101° 18'.00E

Chart MAL 5300 (See Plan) WGS 84 DATUM

Insert the accompanying block, centred on: (b) 02° 56'.00N, 101° 18'.00E

120*/2019 MALAYSIA – Selangor – Tanjung Bakar – Buoy.Wreck.Transhipment Facilities.

Source: Port Klang Authority.

Chart MAL 5307 (Last Correction 252/2018) WGS 84 DATUM

Delete  03° 04'.25N, 101° 20'.36E

 Mv Bunga Biraj 03° 03'.79N, 101° 21'.43E

 Mv Bunga Bodor 03° 04'.86N, 101° 20'.33E

Terminal Pukal Kimia/Bulk Chemical, centred on: 03° 00'.57N, 101° 23'.47E

Jeti/Jetty Shell, centred on: 03° 00'.40N, 101° 23'.43E

Chart MAL 5322 (Last Correction 117/2019) WGS 84 DATUM

Delete  03° 04'.25N, 101° 20'.36E

 Mv Bunga Biraj 03° 03'.79N, 101° 21'.43E

**121/2019 MALACCA STRAIT – NW One Fathom Bank – Wrecks.****Source: British Admiralty Notice No. 2522/19.**

Chart MAL 532 (Last Correction 120/2019) WGS 84 DATUM

Insert				02° 55'.40N,	100° 51'.20E
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Replace		with		02° 56'.50N,	100° 50'.50E
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Chart MAL 54 (Last Correction 117/2019) WGS 84 DATUM

Insert				02° 55'.40N,	100° 51'.20E
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Replace		with		02° 56'.50N,	100° 50'.50E
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Chart MAL 540 (Last Correction 100/2019) WGS 84 DATUM

Insert				02° 55'.40N,	100° 51'.20E
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Replace		with		02° 56'.50N,	100° 50'.50E
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122*/2019 MALAYSIA – Pahang – Kuala Pahang – Buoy.**Source: Marine Department of Malaysia No. 69/2019.****Note: NTM 184(T)*/2018 is hereby cancelled.**

Chart MAL 635 (Last Correction 83/2019) WGS 84 DATUM

Move		LFl.10s	from:	03° 32'.40N,	103° 28'.70E
			to:	03° 32'.37N,	103° 29'.70E

123*/2019 MALAYSIA – Kelantan – Cakerawala Field – Wreck.**Source: Royal Malaysian Navy.**

Chart MAL 68 (Last Correction 105/2019) WGS 84 DATUM

Insert		Rep (2019) PA		06° 54'.97N,	102° 41'.22E
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124*/2019 MALAYSIA – Sarawak – Baronia Field – Platform.

Source: Sarawak Marine Department No. 18/2019.

Chart MAL 750 (Last Correction 81/2019) WGS 84 DATUM

Insert



04° 47'.90N, 113° 26'.20E

125(T)*/2019 MALAYSIA – Sarawak – Kuala Baram – Buoy.

Source: Sarawak Marine Department No. 55(T)/2019.

1. Buoy No 2, *Fl.R.4s*, in position 04°35'.75N, 113°58'.05E is missing.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
3. Charts affected – MAL 750 – MAL 752 – MAL 754.

126(T)*/2019 MALAYSIA – Sarawak – Pasir Dua Belas – Buoy.

Source: Sarawak Marine Department No. 56(T)/2019.

1. Outer Bouy Muara Lassa *Fl.G.3s*, in position 02°52'.44N, 111°24'.51E is missing.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
3. Charts affected – MAL 7257 – MAL 740.

127(T)*/2019 MALAYSIA – Perak – NE Kg. Teluk Gedung – Buoy.

Source: Royal Malaysian Navy.

1. Selat 2R, *Fl.R.3s*, in position 04°15'.13N, 100°34'.71E is temporarily unlit.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
3. Charts affected – MAL 5416 – MAL 5419 – MAL 5425.

128(T)*/2019 MALAYSIA – Selangor – Sungai Langat – Lighthouse.

Source: Marine Department of Malaysia No. 82(T)/2019.

1. Bukit Jugra Lighthouse, in position 02°50'.10N, 101°25'.10E is temporarily operating on reduced power and light nominal range is reduced to 15M.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
3. Charts affected – MAL 5 – MAL 532 – MAL 54.

129(T)*/2019 MALAYSIA – Selangor – Pulau Angsa – Lighthouse.

Source: Marine Department of Malaysia No. 83(T)/2019.

1. Pulau Angsa lighthouse, FI.WR.10s36m22/15M, in position 03°11'.18N, 101°13'.03E is temporarily unlit.
 2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
 3. Charts affected – MAL 5 – MAL 532 – MAL 5322 – MAL 54 – MAL 540.
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SECTION III

NAVIGATIONAL WARNINGS

130(T)*/2019 MALAYSIA – Sarawak – Terumbu Saji – Drilling Activities.

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

1. Drilling Activities – 04 May to 07 Sep 19 at 04°56'.88N, 112°31'.70E.
 2. Vessel involved – Rig SKD Esperanza.
 3. Berth of 5 nm requested.
 4. Chart affected: MAL 750, MAL 751 and MAL 762.
 5. Cancel this notice 08 Sep 19.
(WGS 84)
-

131(T)*/2019 MALAYSIA – Sarawak – Gugusan Beting Patinggi Ali – Pipeline Route Survey.

Source: Sarawak Marine Department No. 51/2019(T).

1. Pipeline Route Survey – 15 May to 15 Jun 19. Positions as follow:
(1) 05°23'.53N, 112°27'.61E.
(2) 04°56'.89N, 112°31'.70E.
(3) 04°41'.21N, 112°29'.67E.
 2. Vessels involved – MV Cassandra VI.
 3. Berth of 5 nm requested.
 4. Chart affected: MAL 750, MAL 751 and MAL 762.
 5. Cancel this notice 16 Jun 19.
(WGS 84)
-

132(T)*/2019 MALAYSIA – Terengganu – Bunga Kekwa Field – Drilling Operation.

Source: Marine Department of Malaysia No. 76/2019(T).

1. Drilling Operation – 16 Apr to 16 Jun 19 at 07°17'.05N, 103°43'.84E.
 2. Vessel involved – Rig PV Drilling III.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 68.
 5. Cancel this notice 17 Jun 19.
(WGS 84)
-

133(T)*/2019 MALAYSIA – Sarawak – Oil Field D 18 –Jack Up Rig Movement.

Source: Sarawak Marine Department No. 58/2019(T).

1. UMW Naga-5 Jack Up Rig Move From Johor Baharu to D18 Location, Offshore Sarawak
– 12 May to 28 Aug 19. Positions as follow:
(1) 03°36'.18N, 112°22'.08E.
(2) 03°36'.32N, 112°24'.75E.
(3) 03°35'.58N, 112°23'.75E.
 2. Vessels involved – MV JM Bayu, Mv Perdana Adventurer and UMW Naga 5.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 741 and MAL 751
 5. Cancel this notice 29 Aug 19.
(WGS 84)
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134(T)*/2019 MALAYSIA – Sabah – Oil Field Kikeh – Pipeline Installation.

Source: Murphy Sabah Oil Co. Ltd. (MURPHY).

1. Pipeline Installation – 16 May to 15 Jun 19 at 05°52'.71N, 114°17'.63E.
 2. Vessel involved – MV Deep Orient.
 3. Wide berth requested.
 4. Chart affected: MAL 781.
 5. Cancel this notice 16 Jun 19.
(WGS 84)
-

135(T)*/2019 MALAYSIA – Sarawak – Baronia Field – Mooring Pile and Mooring Chain Laying.

Source: Sarawak Marine Department No. 61/2019(T).

1. Mooring Pile and Mooring Chain Laying – 28 May to 15 Jun 19 at 04°47'.20N, 113°29'.56E.
 2. Vessel involved – MV Skandi Hercules, MV Crest Imperial, Tug Sealink Maju 27 and Barge Sealink Pacific 389.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 750, MAL 751 and MAL 754.
 5. Cancel this notice 16 Jun 19.
(WGS 84)
-

136(T)*/2019 MALAYSIA – Sarawak – Kikeh Field – Installing Subsea Equipment.

Source: Sarawak Marine Department No. 59/2019(T).

1. Installing Subsea Equipment – 25 Apr to 23 Jul 19. Positions as follow:
(1) 05°47'.35N, 114°21'.75E.
(2) 05°47'.33N, 114°21'.72E.
(3) 05°47'.98N, 114°22'.08E.
(4) 05°48'.65N, 114°21'.53E.
 2. Vessels involved – MPSV Nor Australis.
 3. Berth of 5 nm requested.
 4. Chart affected: MAL 781.
 5. Cancel this notice 24 Jul 19.
(WGS 84)
-

137(T)*/2019 MALAYSIA – Sarawak – Kikeh Field – Gas Lift Systems Installation Activities.

Source: Sarawak Marine Department No. 66/2019(T).

1. Gas Lift Systems Installation Activities – 16 May to 15 Jun 19 at 05°52'.71N, 114°17'.63E.
 2. Vessel involved – MV Deep Orient.
 3. Wide berth requested.
 4. Chart affected: MAL 781.
 5. Cancel this notice 16 Jun 19.
(WGS 84)
-

138(T)*/2019 MALAYSIA – Sarawak – Gugusan Beting Patinggi Ali – Maintenance And Repair Works.

Source: Sarawak Marine Department No. 64/2019(T).

1. Maintenance and Repair Works – 15 May to 31 Oct 19. Positions as follow:
 - (1) 05°49'.60N, 114°20'.42E.
 - (2) 06°20'.91N, 115°06'.29E.
 - (3) 04°41'.63N, 112°46'.11E.
 - (4) 04°08'.04N, 112°21'.37E.
 - (5) 04°19'.90N, 112°40'.86E.
 - (6) 04°38'.27N, 112°18'.28E.
 - (7) 04°26'.39N, 112°43'.62E.
 - (8) 04°24'.77N, 112°41'.52E.
 - (9) 04°41'.16N, 112°29'.60E.
 - (10) 04°31'.92N, 112°05'.93E.
 - (11) 05°18'.80N, 111°53'.49E.
 2. Vessel involved – MV Armada Tuah 300.
 3. Berth of 5 nm requested.
 4. Chart affected: MAL 6, MAL 750, MAL 751, MAL 762, MAL 781 and MAL 864.
 5. Cancel this notice 01 Nov 19.
(WGS 84)
-

139(T)*/2019 MALAYSIA – Sabah – ERB West Field – Drilling Operation.

Source: Sabah Marine Department No. 09/2019(T).

1. Drilling Operation – 14 May to 30 Sep 19 at 06°20'.73N, 115°39'.43E.
 2. Vessel involved – Rig Sapura Berani.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 864, MAL 865 and MAL 872.
 5. Cancel this notice 01 Oct 19.
(WGS 84)
-

140(T)*/2019 MALAYSIA – Terengganu – Redang Island – Underwater Cable System Repair Operation.

Source: Marine Department of Malaysia No. 90/2019(T).

1. Underwater Cable System Repair Operation – 24 May to 23 Jun 19. Positions as follow:
 - (1) 05°48'.62N, 103°19'.02E.
 - (2) 05°50'.94N, 103°17'.68E.
 - (3) 05°50'.94N, 103°16'.42E.
 - (4) 05°57'.31N, 103°12'.61E.
 - (5) 05°58'.68N, 103°14'.94E.
 - (6) 05°53'.65N, 103°18'.03E.
 - (7) 05°53'.58N, 103°19'.59E.
 - (8) 05°53'.04N, 103°21'.33E.
 2. Vessel involved – MV Asean Explorer.
 3. Wide berth requested.
 4. Chart affected: MAL 654, MAL 664 and MAL 68.
 5. Cancel this notice 24 Jun 19.
(WGS 84)
-

141(T)*/2019 MALAYSIA – Terengganu – Kemaman Port – Temporary Lay Up Activity.

Source: Marine Department of Malaysia No. 86/2019(T).

1. Temporary Lay Up Activity – 25 May to 25 Jul 19 at 04°15'.10N, 103°29'.85E.
 2. Vessel involved – Rig West Telesto.
 3. Wide berth requested.
 4. Chart affected: MAL 6416 and MAL 645.
 5. Cancel this notice 26 Jul 19.
(WGS 84)
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142(T)*/2019 MALAYSIA – Sarawak – Gugusan Beting Raja Jarom – Drilling Activity.

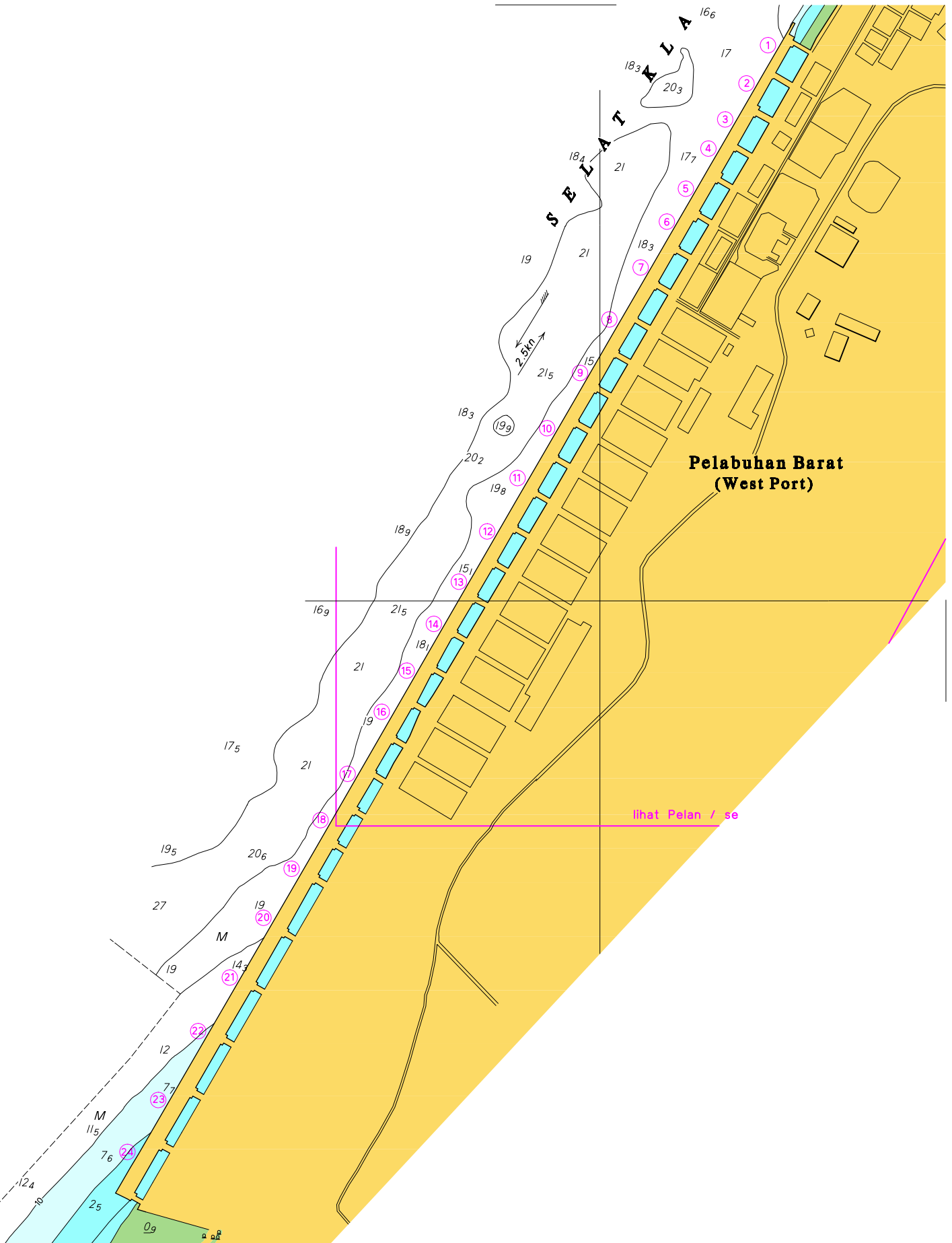
Source: Sarawak Marine Department No. 74/2019(T).

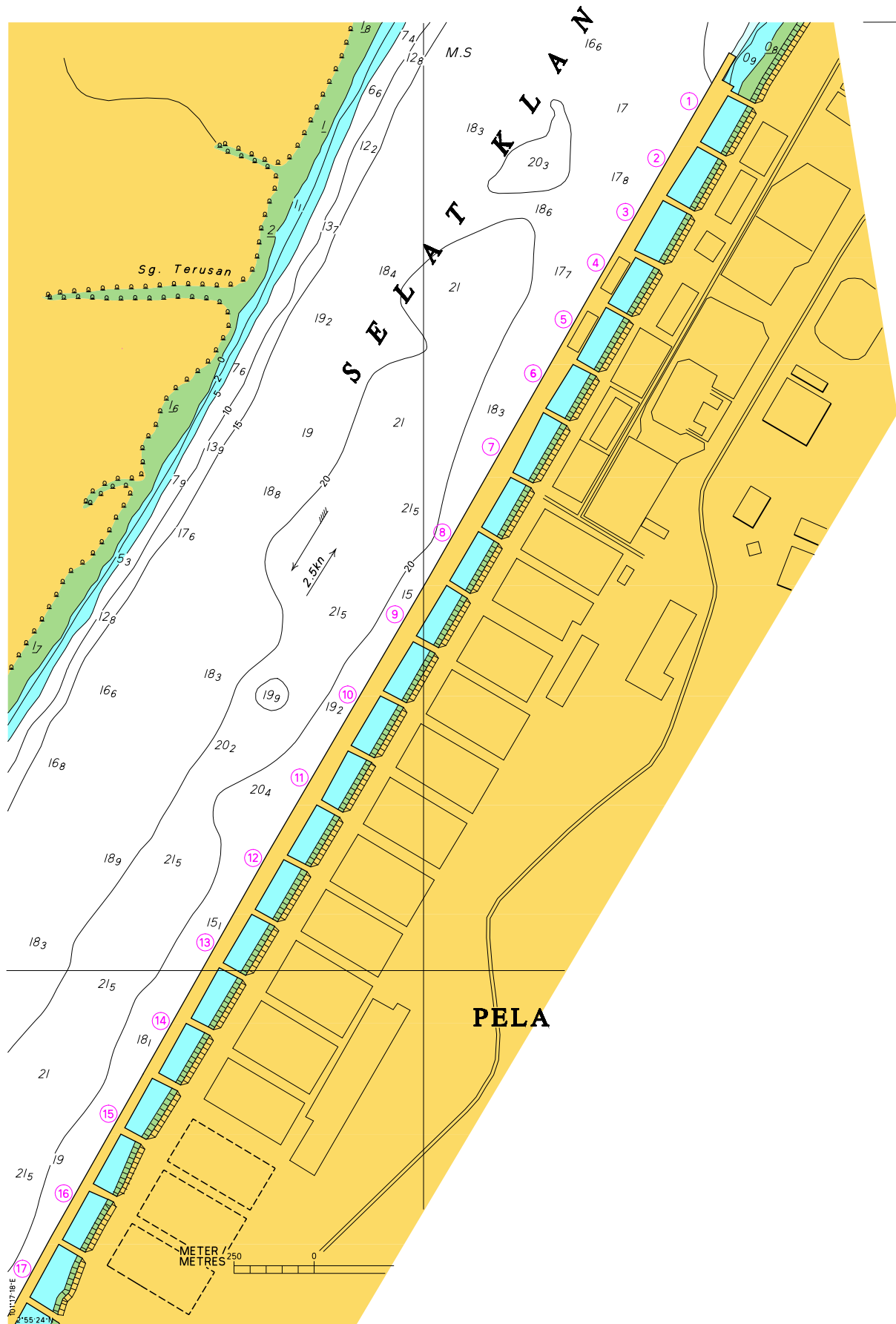
1. Drilling Activity – 09 May to 30 Sep 19. Positions as follow:
(1) 05°22'.54N, 112°19'.19E.
(2) 05°21'.25N, 112°29'.93E.
(3) 05°21'.82N, 112°18'.34E.
(4) 05°12'.62N, 112°23'.67E.
 2. Vessel involved – MV Deepwater Nautilus, MV GH Endeavour, and MV Posh Commander.
 3. Wide berth requested.
 4. Chart affected: MAL 751 and MAL 762.
 5. Cancel this notice 01 Oct 19.
(WGS 84)
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143(T)*/2019 MALAYSIA – Sarawak – Bokor Field – Drilling Activities.

Source: Sarawak Marine Department No. 73/2019(T).

1. Drilling Activities – 28 May 19 to 30 Jun 20. 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. Vessel involved – MV Perdana Horizon, MV Executive Honour, MV Perdana Voyager and MV Boubon Zamrud.
 3. Wide berth requested.
 4. Chart affected: MAL 750 and MAL 754.
 5. Cancel this notice 01 Jul 20.
(WGS 84)
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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 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.....