



MALAYSIAN NOTICES TO MARINERS

Monthly Edition 09 of 2018
30th SEPTEMBER 2018

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- I - Explanatory Notes / Index of Charts Affected.
- II - Corrections to Charts.
- III - Navigational Warnings.
- IV - Information on Availability of Malaysian Chart and Publication.

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.

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	196/2018, 204*/2018, 206(T)*/2018	MAL 6147	196/2018, 198*/2018
MAL 5123	205(T)/2018	MAL 625	217(T)*/2018
MAL 5129	196/2018	MAL 635	208(T)*/2018
MAL 515	196/2018	MAL 6359	199*/2018
MAL 532	204*/2018	MAL 645	215(T)*/2018
MAL 54	204*/2018	MAL 65	208(T)*/2018, 215(T)*/2018, 217(T)*/2018
MAL 540	204*/2018	MAL 654	206(T)*/2018, 207(T)*/2018, 221(T)*/2018
MAL 5410	209(T)*/2018	MAL 655	221(T)*/2018
MAL 5425	209(T)*/2018	MAL 664	200*/2018, 206(T)*/2018, 219(T)*/2018
MAL 5529	197*/2018	MAL 68	206(T)*/2018, 208(T)*/2018, 219(T)*/2018, 221(T)*/2018
MAL 5536	197*/2018	MAL 7215	201*/2018
MAL 554	209(T)*/2018	MAL 740	220(T)*/2018
MAL 5622	218(T)*/2018	MAL 741	214(T)*/2018, 220(T)*/2018, 221(T)*/2018
MAL 5630	218(T)*/2018	MAL 750	213(T)*/2018
MAL 565	218(T)*/2018	MAL 751	213(T)*/2018, 214(T)*/2018, 220(T)*/2018, 221(T)*/2018
MAL 6	210(T)*/2018, 211(T)*/2018, 212(T)*/2018, 216(T)*/2018	MAL 762	213(T)*/2018
MAL 6124	198*/2018	MAL 781	202*/2018, 212(T)*/2018
MAL 6134	198*/2018	MAL 8502	203*/2018

SECTION II
CORRECTIONS TO CHARTS

196/2018 SINGAPORE – Fairway Temasek, P.Senang, Batu Puteh – Racon. Wreck. Legend.

Source: Maritime and Port Authority of Singapore NM 67, 71/2018.

Chart MAL 5 (Last Correction 182/2018) WGS 84 DATUM

Delete	legend, Racon(O), at lighthouse	01° 19'.81N,	104° 24'.34E
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Chart MAL 5129 (Last Correction 178 /2018) WGS 84 DATUM

Insert	 <i>Wk</i>	01° 08'.92N,	103° 44'.10E
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Delete	radar beacon, Racon(G), at light-beacon	01° 14'.83N,	103° 42'.09E
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	legend, Racon(M), at light-beacon	01° 15'.30N,	103° 45'.54E
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Chart MAL 515 (Last Correction 178/2018) WGS 84 DATUM

Insert	 <i>Wk</i>	01° 08'.92N,	103° 44'.10E
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Delete	legend, Racon(O), at lighthouse	01° 19'.81N,	104° 24'.34E
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Chart MAL 6147 (Last Correction 179/2018) WGS 84 DATUM

Delete	legend, Racon(O), at lighthouse	01° 19'.81N,	104° 24'.34E
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197*/2018 MALAYSIA – Pulau Pinang – Ferry Terminal – Wreck.

Source: Marine Department of Malaysia No. 127(T)/2018.

Chart MAL 5529 (Last Correction 205/2017) WGS 84 DATUM

Insert	 <i>PA</i>	05° 24'.62N,	100° 20'.53E
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Chart MAL 5536 (Last Correction 150/2018) WGS 84 DATUM

Insert	 <i>PA</i>	05° 24'.62N,	100° 20'.53E
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Source: Marine Department of Malaysia No. 121/2018.

Chart MAL 6124 (Last Correction 179 /2018) WGS 84 DATUM













Insert		E1 Fl(2)G.6s	01° 19'.17N,	104° 08'.50E
		E2 Fl(2)R.6s	01° 18'.95N,	104° 08'.34E
		E3 Fl.R.5s	01° 19'.26N,	104° 08'.00E
		W1 Fl.G.2s	01° 19'.24N,	104° 06'.48E
		W2 Fl.R.2s	01° 19'.45N,	104° 06'.31E
		W3 Fl(2)G.10s	01° 19'.63N,	104° 07'.14E
		W4 Fl(2)R.10s	01° 19'.94N,	104° 07'.13E

Chart MAL 6134 (Last Correction 179 /2018) WGS 84 DATUM

Insert		E1 Fl(2)G.6s	01° 19'.17N,	104° 08'.50E
		E2 Fl(2)R.6s	01° 18'.95N,	104° 08'.34E
		E3 Fl.R.5s	01° 19'.26N,	104° 08'.00E
		W1 Fl.G.2s	01° 19'.24N,	104° 06'.48E
		W2 Fl.R.2s	01° 19'.45N,	104° 06'.31E
		W3 Fl(2)G.10s	01° 19'.63N,	104° 07'.14E
		W4 Fl(2)R.10s	01° 19'.94N,	104° 07'.13E

Insert		<i>Fl(2)G.6s</i>	01° 19'.17N,	104° 08'.50E
		<i>Fl(2)R.6s</i>	01° 18'.95N,	104° 08'.34E
		<i>Fl.R.5s</i>	01° 19'.26N,	104° 08'.00E

199*/2018 MALAYSIA – Pahang – Kuantan Port – Buoys.

Source: Marine Department of Malaysia No. 122/2018.

Chart MAL 6359 (Last Correction 155/2018) WGS 84 DATUM

Delete		No .1 <i>Fl.G.5s</i>	03° 56'.95N,	103° 28'.01E
		No .3 <i>Fl(2)G.10s</i>	03° 57'.44N,	103° 27'.70E
		<i>Fl.Y.5s</i>	03° 57'.74N,	103° 27'.43E

200*/2018 MALAYSIA – Kelantan – Kuala Tok Bali – Light buoys.

Source: Marine Department of Malaysia No. 119/2018.

Chart MAL 664 (Last Correction 165/2018) WGS 84 DATUM

Insert		<i>Fl(2)R.6s</i>	05° 54'.72N,	102° 29'.63E
		<i>Fl(2)G.6s</i>	05° 54'.35N,	102° 29'.34E

201*/2018 MALAYSIA – Sarawak – Batang Rajang – Buoys.

Source: Sarawak Marine Department No. 111/2018.


Chart MAL 7215 (Last Correction 158/2018) WGS 84 DATUM

Insert		<i>Fl(5)Y.10s</i>	02° 08'.17N,	111° 20'.91E
		<i>Fl(5)Y.10s</i>	02° 08'.96N,	111° 20'.89E

202*/2018 MALAYSIA – Sabah – Oilfield Kikeh – Buoys.

Source: Sabah Marine Department No. 15/2018.

Chart MAL 781 (Last Correction 182/2018) WGS 84 DATUM

Insert	 <i>PAYAO 1</i> <i>Fl. Y. 4s</i>	06° 09'.00N,	114° 45'.00E
	 <i>PAYAO 2</i> <i>Fl. Y. 4s</i>	06° 07'.00N,	114° 19'.00E
	 <i>PAYAO 3</i> <i>Fl. Y. 4s</i>	06° 13'.00N,	114° 50'.00E
	 <i>PAYAO 4</i> <i>Fl. Y. 4s</i>	06° 32'.00N,	114° 12'.00E

203*/2018 MALAYSIA – Sabah – Pulau Sakar and Tg. Malondong – Block. Depths.

Source: National Hydrographic Centre.

Chart MAL 8502 (Last Correction NE/2017) WGS 84 DATUM

Insert	the accompanying block, centred on:	04° 56'.85N,	118° 19'.19E
Replace	depth contour, 10, with depth contour, 5	04° 57'.45N,	118° 26'.95E
	depth contour, 5, with depth contour, 2	04° 57'.35N,	118° 26'.83E
	depth contour, 5, with depth contour, 2	04° 55'.46N,	118° 28'.02E
	depth contour, 20, with depth contour, 10	04° 56'.96N,	118° 18'.26E
Delete	depth, 5 ₉	04° 59'.77N,	118° 25'.04E

204*/2018 MALAYSIA – Selangor – Permatang Sedepa – Lighthouse.

Source: Marine Department of Malaysia No. 112/2018.

1. One fathom bank lighthouse, in position 02°53'.31N, 100°59'.72E is restored to normal.
 2. Former Notice No. 76/2018(T) is cancelled.
 3. Charts affected – MAL 5 – MAL 532 – MAL 54 – MAL 540.
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205(T)/2018 SINGAPORE – P. Jurong – Working Area. Legend.

Source: Maritime and Port Authority of Singapore NM 62/2018.

Chart MAL 5123 (Last Correction 178/2018) WGS 84 DATUM

Insert	limit of working area, pecked line, joining:	01° 15'.71N	103° 38'.71E
		01° 15'.71N	103° 38'.78E
		01° 15'.71N	103° 38'.85E
		01° 15'.27N	103° 39'.03E
		01° 15'.16N	103° 39'.13E
		01° 14'.63N	103° 39'.34E
		01° 14'.42N	103° 39'.37E
		01° 13'.16N	103° 39'.88E
		01° 13'.03N	103° 39'.52E
		01° 13'.12N	103° 39'.48E

legend, *Work in Progress(2018)*, centred on: 01° 14'.70N 103° 39'.10E

206(T)*/2018 MALAYSIA – Terengganu – Batuan Bara – Beacon.

Source: Marine Department of Malaysia No. 118(T)/2018.

1. Batuan Bara Beacon, Fl.4s, in position 05°38'.77N, 102°58'.28E is temporarily unlit.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
3. Charts affected – MAL 5 – MAL 654 – MAL 664 – MAL 68.

207(T)*/2018 MALAYSIA – Terengganu – Batuan Rusa – Beacon.

Source: Marine Department of Malaysia No. 117(T)/2018.

1. Batuan Rusa Beacon, Fl (2).5s, in position 05°34'.32N, 102°59'.10E is temporarily unlit.
 2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
 3. Charts affected – MAL 654.
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SECTION III
NAVIGATIONAL WARNINGS

208(T)*/2018 MALAYSIA – Pahang – Pulau Tioman – Air Gravity Research.

Source: Onyx Engineering Sdn Bhd.

1. Air gravity research – 01 Sep to 30 Nov 18 at positions as follows:

Phase 3.

- (1) 03°05'.51N, 104°50'.97E.
- (2) 03°05'.63N, 104°40'.58E.
- (3) 03°19'.83N, 104°36'.15E.
- (4) 03°11'.73N, 104°10'.26E.
- (5) 03°26'.85N, 104°05'.79E.
- (6) 03°16'.57N, 104°35'.65E.
- (7) 03°55'.22N, 103°35'.95E.
- (8) 03°58'.54N, 103°38'.86E.
- (9) 04°09'.90N, 104°11'.10E.
- (10) 05°14'.35N, 104°11'.28E.
- (11) 06°35'.40N, 104°53'.89E.
- (12) 06°06'.19N, 105°49'.73E.
- (13) 05°40'.95N, 105°47'.02E.
- (14) 05°04'.84N, 105°28'.84E.
- (15) 04°02'.96N, 104°51'.64E.
- (16) 03°50'.22N, 104°46'.48E.

Phase 4.

- (1) 06°20'.02N, 102°06'.52E.
- (2) 06°27'.79N, 102°09'.70E.
- (3) 06°50'.14N, 102°20'.90E.
- (4) 06°55'.53N, 102°24'.42E.
- (5) 06°57'.27N, 102°33'.49E.
- (6) 07°04'.57N, 102°56'.26E.
- (7) 07°06'.50N, 103°03'.31E.
- (8) 07°24'.22N, 103°38'.00E.
- (9) 06°48'.32N, 104°29'.89E.
- (10) 06°29'.74N, 105°04'.67E.
- (11) 05°12'.80N, 104°23'.21E.
- (12) 04°51'.65N, 104°23'.32E.
- (13) 04°53'.59N, 104°07'.93E.
- (14) 05°00'.50N, 103°52'.50E.
- (15) 05°00'.70N, 103°38'.10E.

2. Aircraft involved – Aircraft Douglas DC-3T (Basler Turbine Conversion).

3. Navigate with caution in the area.

4. Chart affected: MAL 65, MAL 68 and MAL 635.

5. Cancel this notice 01 Dec 18.

209(T)*/2018 MALAYSIA – Perak – Teluk Rubiah – Hydrographic Survey.

Source: National Hydrographic Centre.

1. Hydrographic survey – 05 Sep to 19 Oct 18 at area bounded by:
 - (1) 04°10'.29N, 100°36'.34E.
 - (2) 04°10'.29N, 100°39'.44E.
 - (3) 04°06'.81N, 100°39'.44E.
 - (4) 04°06'.81N, 100°32'.93E.
 - (5) 04°08'.42N, 100°33'.24E.
 - (6) 04°08'.64N, 100°36'.55E.
 - (7) 04°09'.09N, 100°37'.16E.
 2. Vessel involved – KD PERANTAU.
 3. Wide berth requested.
 4. Chart affected: MAL 5410, MAL 5425 and MAL 554.
 5. Cancel this notice 20 Oct 18.
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210(T)*/2018 MALAYSIA – Sarawak – Kuching – Seismic Survey.

Source: Sarawak Marine Department No. 109/2018(T).

1. Seismic survey – 01 Oct to 20 Nov 18 at area bounded by:
 - (1) 03°09'.97N, 110°26'.33E.
 - (2) 02°52'.03N, 110°26'.33E.
 - (3) 02°51'.98N, 109°59'.28E.
 - (4) 03°09'.90N, 109°59'.28E.
 2. Vessels involved – MV Geo Coral, MV Bourbon Gannet, MV Target 10, MV Tegas 102 and MV Tegas 103.
 3. Berth of 8 nm requested.
 4. Chart affected: MAL 6.
 5. Cancel this notice 21 Nov 18.
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211(T)*/2018 MALAYSIA – Sarawak – Central Luconia Field – Structural (Jacket) Installations.

Source: PETRONAS Carigali Sdn Bhd.

1. Structural (jacket) installations – 01 Sep to 15 Nov 18 at position as follow:
 - (1) 04°19'.04N, 111°54'.90E.
 - (2) 04°22'.00N, 111°58'.19E.
 2. Vessels involved – MV Sapura 3000, MV ASL Osprey, MV Maritime Faith, MV Dayang Cinta, MV Ekspres 71, MV Epic Waja, Barge Maritime West, MV Pioneer 5001, Barge Maritime Pride, MV Valianz Hope and Barge Maritime Diamond.
 3. Wide berth requested.
 4. Chart affected: MAL 6.
 5. Cancel this notice 16 Nov 18.
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212(T)*/2018 MALAYSIA – Sabah – Pulau Labuan – Offshore Soil Investigation for Limbayong.

Source: Sabah Marine Department No. 17/2018(T).

1. Offshore soil investigation for Limbayong – 04 Oct to 22 Dec 18 at area bounded by:
 - (1) 05°48'.05N, 114°22'.06E.
 - (2) 06°00'.00N, 114°36'.37E.
 - (3) 05°24'.41N, 114°41'.75E.
 - (4) 05°36'.36N, 114°56'.05E.
 2. Vessel involved – MMA Valour.
 3. Berth of 500 meters requested.
 4. Chart affected: MAL 6 and MAL 781.
 5. Cancel this notice 23 Dec 18.
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213(T)*/2018 MALAYSIA – Sarawak – Gugusan Beting Patinggi Ali – Hydrographic Survey Activities.

Source: National Hydrographic Centre.

1. Hydrographic survey activities – 01 to 30 Oct 18 at area bounded by:
 - (1) 05°19'.26N, 112°54'.08E.
 - (2) 05°19'.26N, 112°14'.30E.
 - (3) 04°51'.88N, 112°14'.30E.
 - (4) 04°51'.88N, 112°54'.08E.
 2. Vessel involved – MV Dayang Sari
 3. Wide berth requested.
 4. Chart affected: MAL 750, MAL 751 and MAL 762.
 5. Cancel this notice 31 Oct 18.
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214(T)*/2018 MALAYSIA – Sarawak – Oil Field D28 – Topside Installation.

Source: Sarawak Marine Department No. 119/2018(T).

1. Topside installation – 10 to 16 Oct 18 at 03°33'.93N, 112°21'.30E.
 2. Vessel involved – MV Posh Defender.
 3. Wide berth requested.
 4. Chart affected: MAL 741 and MAL 751.
 5. Cancel this notice 17 Oct 18.
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215(T)*/2018 MALAYSIA – Terengganu – Oil Terminal Belida – Site Survey and Soil Boring Survey.

Source: Marine Department of Malaysia No. 130(T)/2018.

1. Site survey and soil boring survey – 01 to 20 Oct 18 at area bounded by:
 - (1) 04°17'.44N, 104°54'.71E.
 - (2) 04°16'.85N, 104°52'.28E.
 - (3) 04°17'.81N, 104°52'.13E.
 2. Vessels involved – MV Sapura Wira and MV Sapura Achiever.
 3. Wide berth requested.
 4. Chart affected: MAL 645 and MAL 65.
 5. Cancel this notice 21 Oct 18.
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216(T)*/2018 MALAYSIA – Sarawak – NW Central Luconia Field – Environmental Baseline Sampling Exercise.

Source: Mubadala Petroleum Oil & Gas Ltd.

1. Environmental baseline sampling exercise – 17 to 24 Oct 18 at 05°01'.32N, 111°55'.03E.
 2. Vessel involved – MV Mega Maria.
 3. Wide berth requested.
 4. Chart affected: MAL 6.
 5. Cancel this notice 25 Oct 18.
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217(T)*/2018 MALAYSIA – Johor – Pulau Aur to Beting Ramunia – Firing Exercise.

Source: Royal Malaysian Navy.

1. Firing exercise – 03 to 18 Oct 18 at area bounded by:
 - (1) WSD 12:
 - (A) Between Latitude 02°00'.00N and 02°30'.00N.
 - (B) Between Longitude 104°17'.00E and 104°36'.00E.
 - (2) WSD 13:
 - (A) Between Latitude 02°00'.00N and 02°30'.00N.
 - (B) Between Longitude 104°36'.00E and 104°55'.00E.
 - (3) WSD 14:
 - (A) Between Latitude 01°30'.00N and 02°00'.00N.
 - (B) Between Longitude 104°55'.00E and 105°30'.00E.
 - (4) WSD 44:
 - (A) Between Latitude 02°00'.00N and 02°30'.00N.
 - (B) Between Longitude 104°55'.00E and 105°12'.30E.
 2. Vessel involved – Royal Malaysian Navy Ships.
 3. Wide berth requested.
 4. Chart affected: MAL 625 and MAL 65.
 5. Cancel this notice 19 Oct 18.
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218(T)*/2018 MALAYSIA – Kedah – Langkawi – Hydrographic Survey.

Source: National Hydrographic Centre.

1. Hydrographic survey – 07 to 22 Oct 18 at area bounded by:
 - (1) 06°16'.28N, 099°42'.01E.
 - (2) 06°15'.57N, 099°44'.10E.
 - (3) 06°15'.74N, 099°45'.35E.
 - (4) 06°17'.11N, 099°46'.83E.
 - (5) 06°15'.88N, 099°47'.28E.
 - (6) 06°14'.01N, 099°44'.73E.
 - (7) 06°14'.64N, 099°43'.66E.
 - (8) 06°15'.29N, 099°41'.56E.
 2. Vessel involved – Seri Tanjung Survey Boat.
 3. Wide berth requested.
 4. Chart affected: MAL 5622, MAL 5630 and MAL 565.
 5. Cancel this notice 23 Oct 18.
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219(T)*/2018 MALAYSIA – Kelantan – Tok Bali – Hydrographic Survey.

Source: National Hydrographic Centre.

1. Hydrographic survey – 07 to 22 Oct 18 at area bounded by:
 - (1) 05°57'.80N, 102°30'.08E.
 - (2) 05°54'.09N, 102°32'.90E.
 - (3) 05°52'.75N, 102°31'.61E.
 - (4) 05°54'.12N, 102°30'.52E.
 - (5) 05°54'.44N, 102°30'.37E.
 - (6) 05°54'.91N, 102°30'.29E.
 - (7) 05°55'.39N, 102°29'.10E.
 - (8) 05°55'.69N, 102°29'.64E.
 - (9) 05°57'.01N, 102°28'.88E.
 2. Vessel involved – Symphoni Survey Boat.
 3. Wide berth requested.
 4. Chart affected: MAL 664 and MAL 68.
 5. Cancel this notice 23 Oct 18.
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220(T)*/2018 MALAYSIA – Sarawak – Oil Field D35 – Rig Move and Drilling Activities.

Source: Sarawak Marine Department No. 121/2018(T).

1. Rig move from Platform D35DP-B to Platform D35JT-C and drilling activities – 09 Nov 18 to 17 Mac 19 at positions as follow:
 - (1) 03°46'.54N, 112°05'.63E.
 - (2) 03°47'.56N, 112°02'.72E.
 2. Vessels involved – Rig Naga-4, MV Setia Hijrah and MV Perdana Expedition.
 3. Wide berth requested.
 4. Chart affected: MAL 740, MAL 741 and MAL 751.
 5. Cancel this notice 18 Mac 19.
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221(T)*/2018 MALAYSIA – Bintulu, Sarawak to Kerteh, Terengganu – Towing Operation.

Source: Marine Department of Malaysia No. 131(T)/2018.

1. Towing operation from Sapa Platform, Bintulu to Berantai East and Berantai West, Kerteh – 03 Oct to 05 Nov 18 at positions as follow:
 - (1) 03°37'.66N, 112°40'.66E.
 - (2) 05°21'.64N, 104°56'.11E.
 - (3) 05°21'.81N, 103°52'.84E.
 2. Vessels involved – Rig Naga-2, MV GH Endeavour and MV Bridgewater 131.
 3. Wide berth requested.
 4. Chart affected: MAL 654, MAL 655, MAL 68, MAL 741 and MAL 751.
 5. Cancel this notice 06 Nov 18.
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SECTION IV

INFORMATION ON AVAILABILITY OF MALAYSIAN CHART AND PUBLICATION

MALAYSIAN CHART PUBLISHED ON 3rd SEPTEMBER 2018

New Editions of Malaysian chart

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>	<i>Folio</i>
MAL 7257	Muara Rajang 2 nd Edition	1 : 100 000	MAL 7257 1 st Edition	78

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.....