



MALAYSIAN NOTICES TO MARINERS

Monthly Edition 10 of 2020
31st OCTOBER 2020

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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.

DATO' 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	164*/2020	MAL 654	176(T)*/2020, 177(T)*/2020
MAL 515	174(T)*/2020, 175(T)*/2020, 180(T)*/2020	MAL 655	176(T)*/2020
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MAL 5419	182*/2020	MAL 664	168*/2020, 177(T)*/2020
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MAL 554	182*/2020	MAL 723	172(T)*/2020
MAL 58	182*/2020	MAL 731	172(T)*/2020
MAL 6	165*/2020, 166*/2020, 172(T)*/2020, 179(T)*/2020	MAL 740	165*/2020
MAL 6124	167/2020	MAL 741	165*/2020
MAL 6134	167/2020	MAL 750	166*/2020, 173(T)*/2020
MAL 6147	174(T)*/2020, 180(T)*/2020	MAL 751	166*/2020, 173(T)*/2020
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MAL 635	171(T)*/2020	MAL 781	181(T)*/2020
MAL 645	176(T)*/2020, 178(T)*/2020	MAL 8608	169*/2020
MAL 65	174(T)*/2020, 175(T)*/2020, 178(T)*/2020, 180(T)*/2020		

SECTION II

CORRECTIONS TO CHARTS

164*/2020 MALAYSIA – Terengganu – NW Bunga Kekwa Field – Platform.

Source: National Hydrographic Centre.

Chart MAL 5 (Last Correction 135/2020) WGS 84 DATUM

Insert		BUNGA PAKMA	07° 13'.74N,	103° 43'.89E
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Chart MAL 68 (Last Correction 54/2020) WGS 84 DATUM

Insert		BUNGA PAKMA	07° 13'.74N,	103° 43'.89E
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165*/2020 MALAYSIA – Sarawak – Kuala Mukah – Beacon.

Source: Sarawak Marine Department No. 104/2020.

Chart MAL 6 (Last Correction 73/2020) WGS 84 DATUM

Insert		Fl(2)10s	02° 54'.70N,	112° 05'.80E
Delete		Q8m9M	02° 54'.46N,	112° 05'.65E

Chart MAL 740 (Last Correction 105/2020) WGS 84 DATUM

Insert		Fl(2)10s	02° 54'.70N,	112° 05'.80E
Delete		Q8m9M	02° 54'.46N,	112° 05'.65E
			02° 54'.39N,	112° 05'.64E

Chart MAL 741 (Last Correction 48/2020) WGS 84 DATUM

Insert		Fl(2)10s	02° 54'.70N,	112° 05'.80E
Delete		Q8m9M	02° 54'.46N,	112° 05'.65E
			02° 54'.39N,	112° 05'.64E

Source: Sarawak Government Gazette Luconia Shoals National Park.

Chart MAL 6 (Last Correction 164/2020) WGS 84 DATUM

Insert	marine park limit, pecked line joining	(a)	06° 07'.82N,	112° 48'.80E
		(b)	05° 53'.03N,	112° 43'.36E
		(c)	05° 37'.65N,	112° 45'.65E
		(d)	05° 24'.56N,	112° 49'.77E
		(e)	05° 16'.53N,	112° 54'.80E
		(f)	05° 06'.53N,	113° 03'.73E
		(g)	04° 59'.18N,	113° 12'.76E
		(h)	04° 48'.17N,	112° 57'.64E
		(i)	04° 44'.97N,	112° 38'.41E
		(j)	04° 50'.03N,	112° 25'.48E
		(k)	05° 07'.70N,	112° 14'.62E
		(l)	05° 27'.79N,	112° 10'.66E
		(m)	05° 48'.09N,	112° 11'.98E
		(n)	06° 02'.89N,	112° 20'.90E
		(o)	06° 06'.44N,	112° 33'.16E
legend ' <i>Taman Negara/ National Park</i> '				
centred on	(a)	05° 50'. 65N,	112° 12'.07E	

Chart MAL 750 (Last Correction 203/2019) WGS 84 DATUM

Insert	marine park limit, pecked line joining	(a)	05° 06'.95N, 113° 03'.36E (N border)
		(b)	05° 06'.53N, 113° 03'.73E
		(c)	05° 00'.99N, 113° 10'.53E (W Cautions note)
		(d)	04° 57'.56N, 113° 10'.53E (W Cautions note)
		(e)	04° 48'.17N, 112° 57'.64E
		(f)	04° 44'.97N, 112° 38'.41E
		(g)	04° 50'.03N, 112° 25'.48E
		(h)	05° 01'.06N, 112° 18'.70E (E border)
	legend ' <i>Taman Negara/ National Park</i> '		
	centred on	(a)	04° 47'.47N, 112° 31'.58E

Chart MAL 751 (Last Correction 243/2019) WGS 84 DATUM

Insert	marine park limit, pecked line joining	(a)	05° 13'.00N,	112° 57'.95E (N border)
		(b)	05° 06'.53N,	113° 03'.73E
		(c)	04° 59'.18N,	113° 12'.76E
		(d)	04° 48'.17N,	112° 57'.64E
		(e)	04° 44'.97N,	112° 38'.41E
		(f)	04° 50'.03N,	112° 25'.48E

- (g) 05° 05'.86N, 112° 15'.75E
- (h) 05° 11'.74N, 112° 13'.96E
- (i) 05° 13'.00N, 112° 13'.57E (N border)

legend '*Taman Negara/ National Park*'

centred on

- (a) 04° 45'. 44N, 112° 44'.00E

Chart MAL 762 (Last Correction 176/2019) WGS 84 DATUM

Insert	marine park limit, pecked line joining	(a)	06° 07'.82N,	112° 48'.80E
		(b)	05° 53'.03N,	112° 43'.36E
		(c)	05° 37'.65N,	112° 45'.65E
		(d)	05° 24'.56N,	112° 49'.77E
		(e)	05° 16'.53N,	112° 54'.80E
		(f)	05° 06'.53N,	113° 03'.73E
		(g)	04° 59'.18N,	113° 12'.76E
		(h)	04° 48'.17N,	112° 57'.64E
		(i)	04° 44'.97N,	112° 38'.41E
		(j)	04° 50'.03N,	112° 25'.48E
		(k)	05° 07'.70N,	112° 14'.62E
		(l)	05° 27'.79N,	112° 10'.66E
		(m)	05° 48'.09N,	112° 11'.98E
		(n)	06° 02'.89N,	112° 20'.90E
		(o)	06° 06'.44N,	112° 33'.16E
legend ' <i>Taman Negara/ National Park</i> '				
centred on	(a)	05° 17'.00N,	112° 12'.00E	
	(b)	05° 27'.50N,	112° 50'.00E	

167/2020 SINGAPORE – Changi Naval Base – Obstruction.

Source: Maritime and Port Authority of Singapore NM 64/2020.

Chart MAL 6124 (Last Correction 81/2020) WGS 84 DATUM

Insert	 <i>Obstn</i>	01° 20'.22N,	104° 02'.06E
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Chart MAL 6134 (Last Correction 252/2019) WGS 84 DATUM

Insert	 <i>Obstn</i>	01° 20'.22N,	104° 02'.06E
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168*/2020 MALAYSIA – Terengganu – Kuala Besut – Light Buoy.

Source: Marine Department of Malaysia No. 239/2020.

Chart MAL 664 (Last Correction 87/2020) WGS 84 DATUM

Move  *LFl.10s* from: 05° 50'.78N, 102° 33'.20E
to: 05° 51'.44N, 102° 33'.55E

169*/2020 MALAYSIA – Sabah – Teluk Sepangar – Prohibited Area.

Source: National Hydrographic Centre.

Chart MAL 8608 (Last Correction 66/2020) WGS 84 DATUM

Insert limit of prohibited area, pecked line, joining:

(a)	06° 05'.82N,	116° 06'.78E
(b)	06° 05'.82N,	116° 07'.02E
(c)	06° 05'.52N,	116° 07'.08E
(d)	06° 05'.34N,	116° 06'.96E
(e)	06° 05'.16N,	116° 07'.08E
(f)	06° 04'.74N,	116° 06'.54E
(g)	06° 04'.44N,	116° 06'.24E
(h)	06° 04'.50N,	116° 05'.94E
(i)	06° 04'.50N,	116° 05'.40E
(j)	06° 05'.22N,	116° 05'.40E
(k)	06° 05'.22N,	116° 05'.70E
(l)	06° 05'.40N,	116° 05'.70E
(m)	06° 05'.40N,	116° 05'.88E

legend, *Dilarang Masuk/ Prohibited Area* within: (a)-(m) above

170(T)*2020 MALAYSIA – Terengganu – Pulau Pasir – Light Bouy.

Source: Marine Department of Malaysia No. 211/2020(T).

1. Light Buoy *Fl(4)G.10s*, in position 05°19'.63N, 103°07'.83E is temporarily unlit.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
3. Charts affected – MAL 6522.

171(T)*2020 MALAYSIA – Pahang – Kuala Pahang – Light Bouy.

Source: Marine Department of Malaysia No. 220/2020(T).

1. Light Buoy *Fl.Y.5s*, in position 03°34'.18N, 103°29'.06E is temporarily unlit.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
3. Charts affected – MAL 635.

172(T)*/2020 MALAYSIA – Sarawak – Tanjung Sipang – Beacon.

Source: Sarawak Marine Department No. 103/2020(T).

1. Beacon Fl.7.5s18M, in position 01°48'.35N, 110°20'.14E is temporarily unlit.
 2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
 3. Charts affected – MAL 6 – MAL 723 – MAL 731.
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SECTION III

NAVIGATIONAL WARNINGS

173(T)*/2020 MALAYSIA – Sarawak – Gugusan Beting Patinggi Ali – Geotechnical Investigation.

Source: Sarawak Marine Department No. 98/2020(T).

1. Geotechnical Investigation – 07 Oct to 30 Nov 20. Positions as follow:
 - (1) 04°39'.59N 112°55'.72E.
 - (2) 05°23'.68N 112°27'.42E.
 - (3) 04°50'.11N 112°28'.74E.
 - (4) 04°42'.08N 112°41'.37E.
 2. Vessel involved – MV Java Illithya.
 3. Berth of 5 nm requested.
 4. Charts affected: MAL 750, MAL 751 and MAL 762.
 5. Cancel this notice 01 Dec 20.
(WGS 84)
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174(T)*/2020 MALAYSIA – Johor – South China Sea – Cable Installation Work.

Source: Marine Department of Malaysia No. 204/2020(T).

1. Cable Installation Work – 09 Oct 20 to 16 Jan 21. Positions as follow:
 - (1) 01°28'.01N 104°31'.03E.
 - (2) 01°28'.96N 104°32'.15E.
 - (3) 01°29'.59N 104°33'.23E.
 - (4) 02°29'.65N 104°34'.30E.
 - (5) 02°25'.59N 105°00'.28E.
 - (6) 02°30'.09N 104°58'.95E.
 - (7) 02°31'.17N 104°58'.63E.
 2. Vessel involved – RV Garda.
 3. Wide berth requested.
 4. Charts affected: MAL 515, MAL 6147, MAL 625 and MAL 65.
 5. Cancel this notice 17 Jan 21.
(WGS 84)
-

175(T)*/2020 MALAYSIA – Johor – Middle Channel – Marine Survey Work For Cable Installation.

Source: Marine Department of Malaysia No. 206/2020(T).

1. Marine Survey Work For Cable Installation – 15 Oct to 27 Dec 20. Positions as follow:
 - (1) 01°14'.11N 104°12'.81E.
 - (2) 01°16'.60N 104°20'.23E.
 - (3) 01°16'.64N 104°20'.29E.
 - (4) 01°17'.01N 104°20'.74E.
 - (5) 01°17'.68N 104°21'.56E.
 - (6) 01°17'.73N 104°21'.59E.
 - (7) 01°17'.73N 104°21'.65E.
 - (8) 01°17'.95N 104°21'.65E.
 - (9) 01°18'.04N 104°21'.67E.
 - (10) 01°18'.08N 104°21'.68E.
 - (11) 01°18'.17N 104°21'.72E.
 - (12) 01°18'.18N 104°21'.72E.
 - (13) 01°18'.38N 104°21'.87E.
 - (14) 01°18'.44N 104°21'.90E.
 - (15) 01°18'.48N 104°21'.90E.
 - (16) 01°18'.54N 104°21'.91E.
 - (17) 01°18'.59N 104°21'.93E.
 - (18) 01°19'.40N 104°22'.55E.
 - (19) 01°19'.41N 104°22'.56E.

(20) 01°19'.60N 104°22'.73E.
 (21) 01°19'.90N 104°23'.02E.
 (22) 01°20'.39N 104°23'.60E.
 (23) 01°20'.65N 104°24'.00E.
 (24) 01°20'.75N 104°24'.12E.
 (25) 01°20'.75N 104°24'.12E.
 (26) 01°20'.88N 104°24'.28E.
 (27) 01°20'.88N 104°24'.28E.
 (28) 01°21'.24N 104°24'.72E.
 (29) 01°21'.47N 104°25'.04E.
 (30) 01°21'.68N 104°25'.26E.
 (31) 01°21'.70N 104°25'.33E.
 (32) 01°21'.70N 104°25'.38E.
 (33) 01°21'.69N 104°25'.55E.
 (34) 01°21'.69N 104°25'.59E.
 (35) 01°21'.69N 104°25'.70E.
 (36) 01°21'.73N 104°25'.82E.
 (37) 01°22'.40N 104°26'.67E.
 (38) 01°22'.40N 104°26'.68E.
 (39) 01°22'.41N 104°26'.72E.
 (40) 01°22'.43N 104°26'.81E.
 (41) 01°22'.37N 104°26'.98E.
 (42) 01°22'.32N 104°27'.11E.
 (43) 01°22'.34N 104°27'.17E.
 (44) 01°22'.36N 104°27'.20E.
 (45) 01°22'.47N 104°27'.35E.
 (46) 01°22'.56N 104°27'.47E.
 (47) 01°22'.87N 104°27'.94E.
 (48) 01°23'.75N 104°29'.27E.
 (49) 01°24'.28N 104°30'.08E.
 (50) 01°25'.30N 104°31'.64E.
 (51) 01°25'.50N 104°31'.97E.
 (52) 01°25'.93N 104°32'.68E.
 (53) 01°25'.98N 104°32'.72E.
 (54) 01°26'.08N 104°32'.75E.
 (55) 01°26'.13N 104°32'.76E.
 (56) 01°26'.17N 104°32'.78E.
 (57) 01°26'.72N 104°32'.45E.
 (58) 01°27'.07N 104°33'.90E.
 (59) 01°28'.36N 104°35'.49E.
 (60) 01°29'.67N 104°37'.43E.
 (61) 01°30'.21N 104°37'.97E.
 (62) 01°32'.50N 104°39'.96E.
 (63) 01°32'.75N 104°40'.22E.
 (64) 01°32'.84N 104°40'.48E.
 (65) 01°32'.81N 104°40'.80E.
 (66) 01°32'.75N 104°41'.35E.
 (67) 01°32'.84N 104°41'.57E.
 (68) 01°33'.07N 104°41'.77E.
 (69) 01°33'.57N 104°42'.18E.
 (70) 01°34'.18N 104°42'.77E.
 (71) 01°36'.65N 104°44'.77E.
 (72) 01°55'.21N 104°53'.88E.
 (73) 01°55'.57N 104°54'.05E.
 (74) 02°09'.43N 105°00'.87E.
 (75) 02°13'.70N 105°02'.45E.

2. Vessel involved – MV Northern Endeavour.
3. Wide berth requested.
4. Charts affected: MAL 515, MAL 625 and MAL 65.
5. Cancel this notice 28 Dec 20.
(WGS 84)

176(T)*/2020 MALAYSIA – Terengganu – E Pulau Tenggul– Hydrographic Survey.

Source: National Hydrographic Centre.

1. Hydrographic Survey – 26 Oct to 25 Nov 20. Area bounded by:
 - (1) 05°06'.61N 103°34'.93E.
 - (2) 05°06'.64N 104°01'.44E.
 - (3) 04°37'.65N 104°01'.37E.
 - (4) 04°37'.71N 103°45'.55E.
 - (5) 04°50'.01N 103°43'.38E.
 2. Vessel involved – MV Megah Sari.
 3. Wide berth requested.
 4. Charts affected: MAL 645, MAL 654, MAL 655 and MAL 68.
 5. Cancel this notice 26 Nov 20.
(WGS 84)
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177(T)*/2020 MALAYSIA – Terengganu – NE Pulau Redang – Installation and Hook-Up Work.

Source: Marine Department of Malaysia No. 224/2020(T).

1. Installation and Hook-Up Work – 22 Oct to 20 Dec 20. Positions as follow:
 - (1) 06°51'.89N 103°18'.55E.
 - (2) 06°53'.21N 103°22'.22E.
 2. Vessels involved – MV Sapura Achiever and MV Libaran.
 3. Wide berth requested.
 4. Charts affected: MAL 654, MAL 664 and MAL 68.
 5. Cancel this notice 21 Dec 20.
(WGS 84)
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178(T)*/2020 MALAYSIA – Pahang – NE Beting Merpati – Repair and Maintenance Work.

Source: Marine Department of Malaysia No. 227/2020(T).

1. Repair and Maintenance Work – 27 Oct to 26 Nov 20. Positions as follow:
 - (1) 03°56'.98N 103°53'.79E.
 - (2) 03°57'.49N 103°51'.08E.
 - (3) 03°57'.98N 103°51'.31E.
 - (4) 03°57'.44N 103°52'.63E.
 - (5) 03°57'.24N 103°53'.84E.
 - (6) 03°56'.87N 103°56'.49E.
 - (7) 03°56'.33N 103°56'.44E.
 2. Vessels involved – MV Asean Explorer and Tug Nur Amanah.
 3. Wide berth requested.
 4. Charts affected: MAL 645 and MAL 65.
 5. Cancel this notice 27 Nov 20.
(WGS 84)
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179(T)*/2020 MALAYSIA – Sarawak – SW Gugusan Beting Raja Jarom – Subsea Decommissioning Activity.

Source: Sarawak Marine Department No. 101/2020(T).

1. Subsea Decommissioning Activity – 27 Oct to 20 Nov 20. Positions as follow:
 - (1) 05°25'.22N 111°57'.06E.
 - (2) 05°13'.80N 111°48'.89E.
 - (3) 05°04'.72N 111°48'.65E.
 - (4) 05°22'.64N 111°52'.06E.
 - (5) 05°08'.77N 111°49'.29E.
 2. Vessels involved – MV Sapura Constructor and MV Icon Aliza.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 6.
 5. Cancel this notice 21 Nov 20.
(WGS 84)
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180(T)*/2020 MALAYSIA – Johor – South China Sea – Cable Installation Work.

Source: Marine Department of Malaysia No. 236/2020(T).

1. Cable Installation Work – 30 Oct 20 to 28 Jan 21. Positions as follow:
 - (1) 01°28'.01N 104°31'.03E.
 - (2) 01°28'.95N 104°32'.15E.
 - (3) 01°29'.59N 104°33'.23E.
 - (4) 02°29'.65N 104°34'.30E.
 - (5) 02°25'.59N 105°00'.28E.
 - (6) 02°30'.09N 104°58'.95E.
 - (7) 02°31'.17N 104°58'.63E.
 2. Vessel involved – MV Cs Ile De Re.
 3. Wide berth requested.
 4. Charts affected: MAL 515, MAL 6147, MAL 625 and MAL 65.
 5. Cancel this notice 29 Jan 21.
(WGS 84)
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181(T)*/2020 MALAYSIA – Sabah – Kikeh Field – Geophysical Survey and Seabed Soil Sampling Activities.

Source: Sabah Marine Department No. 20/2020(T).

1. **Geophysical Survey and Seabed Soil Sampling Activities** – 02 Nov to 02 Dec 20. Area bounded by:
 - (1) 06°02'.94N 114°36'.93E.
 - (2) 06°00'.27N 114°39'.62E.
 - (3) 05°53'.31N 114°32'.72E.
 - (4) 05°55'.98N 114°30'.03E.
 2. Vessels involved – MV Fugro Equinox and MV Efogen Altamis.
 3. Berth of 2 nm requested.
 4. Charts affected: MAL 781.
 5. Cancel this notice 03 Dec 20.
(WGS 84)
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182(T)*/2020 MALAYSIA – Perak – Malacca Strait – Firing Exercise.

Source: Marine Department of Malaysia No. 241/2020(T).

1. Firing Exercise – 16 Nov to 20 Nov 20. Area bounded by:
 - (1) 04°16'.81N 100°37'.73E.
 - (2) 04°28'.91N 100°31'.89E.
 - (3) 04°38'.81N 100°09'.30E.
 - (4) 04°36'.10N 099°58'.12E.
 - (5) 04°21'.44N 099°58'.14E.
 - (6) 04°09'.10N 100°16'.76E.

Firing Target 04°24'.50N 100°19'.00E.
Firing Base 04°20'.51N 100°34'.41E.
 2. Vessel involved – Malaysian Army.
 3. Wide berth requested.
 4. Charts affected: MAL 540, MAL 5419, MAL 5425, MAL 554 and MAL 58.
 5. Cancel this notice 21 Nov 20.
(WGS 84)
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183(T)*/2020 MALAYSIA – Terengganu – E Cakerawala Field – Soil Boring and Geotechnical Investigation.

Source: Marine Department of Malaysia No. 246/2020(T).

1. Soil Boring and Geotechnical Investigation – 06 to 29 Nov 20. Positions as follow:
 - (1) 07°06'.97N 103°40'.12E.
 - (2) 07°09'.08N 103°43'.34E.
 - (3) 07°15'.62N 103°36'.50E.
 - (4) 07°09'.08N 103°42'.77E.
 - (5) 07°15'.08N 103°35'.46E.
 - (6) 07°12'.97N 103°40'.02E.
 2. Vessel involved – MV Miclyn Grace
 3. Wide berth requested.
 4. Chart affected: MAL 68.
 5. Cancel this notice 30 Nov 20.
(WGS 84)
-

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.....