



MALAYSIAN NOTICES TO MARINERS

Monthly Edition 08 of 2018
31st AUGUST 2018

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- 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 / mycartonhc@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	182*/2018	MAL 65	182*/2018
MAL 5123	177/2018, 178*/2018	MAL 655	182*/2018
MAL 5129	178*/2018	MAL 664	191(T)*/2018
MAL 515	178*/2018, 187(T)*/2018	MAL 68	186(T)*/2018
MAL 521	178*/2018, 195(T)*/2018	MAL 740	185(T)*/2018, 189(T)*/2018
MAL 5230	195(T)*/2018	MAL 741	185(T)*/2018, 188(T)*/2018, 189(T)*/2018, 190(T)*/2018 192(T)*/2018, 193(T)*/2018
MAL 532	195(T)*/2018	MAL 750	181(T)*/2018, 189(T)*/2018 190(T)*/2018, 194(T)*/2018
MAL 54	195(T)*/2018	MAL 751	185(T)*/2018, 188(T)*/2018 189(T)*/2018, 190(T)*/2018, 192(T)*/2018, 193(T)*/2018, 198(T)*/2018
MAL 6	182*/2018, 183*/2018, 184*/2018, 189(T)*/2018, 194(T)/2018	MAL 752	181*/2018, 194(T)*/2018
MAL 6124	178*/2018, 179*/2018, 187(T)*/2018	MAL 754	181*/2018, 194(T)*/2018
MAL 6134	179*/2018	MAL 781	182*/2018
MAL 6147	178*/2018, 179*/2018, 187(T)*/2018	MAL 8608	182*/2018
MAL 625	180*/2018, 187(T)*/2018	MAL 864	181*/2018, 182*/2018,
MAL 635	180*/2018, 184(T)*/2018	MAL 865	182*/2018
MAL 645	182*/2018	MAL 872	182*/2018, 194(T)/2018

SECTION II
CORRECTIONS TO CHARTS

177/2018 SINGAPORE – Fairway Temasek – Light buoys.

Source: Maritime and Port Authority of Singapore NM 58/2018.

Chart MAL 5123 (Last Correction 148/2018) WGS 84 DATUM

Insert		<i>FI(2)R.5s</i>		01° 15'.16N,	103° 39'.13E
		<i>FI(2)R.7s</i>		01° 14'.63N,	103° 39'.34E
		<i>FI(3)R.15s</i>		01° 14'.10N,	103° 39'.41E
Move		<i>FI.R.4s</i>	from:	01° 15'.44N,	103° 38'.71E
			to:	01° 15'.44N,	103° 38'.87E

178*/2018 MALAYSIA – Johor – Tanjung Pelepas and Pengerang – Pilots.

Source: Johor Port Authority.

Chart MAL 5123 (Last Correction 177/2018) WGS 84 DATUM

Delete		<i>Tanjung Pelepas</i>		01° 14'.69N,	103° 32'.14E
Insert		<i>Tanjung Pelepas</i>		01° 13'.93N,	103° 31'.87E

Chart MAL 5129 (Last Correction 161/2018) WGS 84 DATUM

Delete		<i>Tanjung Pelepas</i>		01° 14'.69N,	103° 32'.14E
Insert		<i>Tanjung Pelepas</i>		01° 13'.93N,	103° 31'.87E

Chart MAL 515 (Last Correction 161/2018) WGS 84 DATUM

Move		<i>TP</i>	from:	01° 14'.69N,	103° 32'.14E
			to:	01° 13'.93N,	103° 31'.87E

Chart MAL 521 (Last Correction 96/2018) WGS 84 DATUM

Move		<i>TP</i>	from:	01° 14'.69N,	103° 32'.14E
			to:	01° 13'.93N,	103° 31'.87E

Chart MAL 6124 (Last Correction 139/2018) WGS 84 DATUM










Delete		<i>West Pilot Boarding Ground</i>		01° 17'.76N,	104° 08'.04E		
				<i>East Pilot Boarding Ground</i>		01° 19'.35N,	104° 15'.63E
Insert		<i>West Pilot Boarding Ground</i>				01° 17'.35N,	104° 07'.46E
				<i>East Pilot Boarding Ground</i>		01° 18'.97N,	104° 16'.90E
						<i>East Pilot Boarding Ground (A)</i>	

Chart MAL 6147 (Last Correction 48/2018) WGS 84 DATUM

Delete		<i>West Pilot Boarding Ground</i>		01° 17'.76N,	104° 08'.04E
				<i>East Pilot Boarding Ground</i>	
Insert		<i>East Pilot Boarding Ground</i>			
				<i>East Pilot Boarding Ground (A)</i>	

179*/2018 MALAYSIA – Johor – Tg. Setapa – Light buoy.

Source: Marine Department of Malaysia No. 99/2018.

Note: NTM 91(T)*/2015 is hereby cancelled.

Chart MAL 6124 (Last Correction 178/2018) WGS 84 DATUM

Delete		<i>Fl(3)G.5s</i>		01° 20'.00N,	104° 07'.92E
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Chart MAL 6134 (Last Correction 162/2018) WGS 84 DATUM

Delete		<i>Fl.G.5s</i>		01° 20'.00N,	104° 07'.92E
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Chart MAL 6147 (Last Correction 178/2018) WGS 84 DATUM

Delete		<i>Fl(3)G.5s</i>		01° 20'.00N,	104° 07'.92E
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180*/2018 MALAYSIA – Pahang – Kuala Rompin – Buoy.

Source: Marine Department of Malaysia No. 105/2018.

Chart MAL 625 (Last Correction 95/2018) WGS 84 DATUM

Delete  *Fl.R.4s* 02° 49'.57N, 103° 29'.52E

Chart MAL 635 (Last Correction 90/2018) WGS 84 DATUM

Delete  *Fl.R.4s* 02° 49'.57N, 103° 29'.52E

181*/2018 MALAYSIA – Sarawak – Tg. Tubu-Tubu – Beacon.

Source: Sarawak Marine Department No. 82/2018.

Chart MAL 752 (Last Correction 134/2018) WGS 84 DATUM

Insert  *Fl.R.4s* 04° 51'.28N, 115° 02'.07E

Chart MAL 754 (Last Correction 135/2018) WGS 84 DATUM

Insert  *Fl.R.4s* 04° 51'.28N, 115° 02'.07E

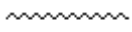
Chart MAL 864 (Last Correction 135/2018) WGS 84 DATUM

Insert  *Fl.R.4s* 04° 51'.28N, 115° 02'.07E

182*/2018 MALAYSIA – South China Sea – Kota Kinabalu-Cherating – Submarine cable. Legend.

Source: Telekom Malaysia Berhad.

Chart MAL 872 (Last Correction 135/2018) WGS 84 DATUM

Insert submarine cable, , joining: 05° 57'.07N 116° 02'.64E(shore)
05° 56'.66N 116° 01'.68E
05° 57'.99N 115° 43'.05E
05° 59'.18N 115° 39'.20E
06° 10'.46N 115° 26'.59E
06° 12'.07N 115° 24'.05E
06° 12'.10N 115° 17'.51E
06° 12'.13N 115° 09'.90E
06° 11'.68N 115° 08'.18E(W border)

legend, (*SKR1M*), centred on: 06° 05'.00N 115° 33'.00E

Chart MAL 865 (Last Correction 62/2017) WGS 84 DATUM

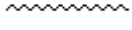
Insert	submarine cable,  , joining:	05° 57'.99N	115° 43'.05E(S border)
		05° 59'.18N	115° 39'.20E
		06° 10'.46N	115° 26'.59E
		06° 12'.07N	115° 24'.05E
		06° 12'.10N	115° 17'.51E(W border)
		06° 02'.60N	115° 35'.30E
	legend, (<i>SKR1M</i>), centred on:		

Chart MAL 864 (Last Correction 181/2018) WGS 84 DATUM

Insert	submarine cable,  , joining:	05° 57'.07N	116° 02'.64E(shore)
		05° 56'.66N	116° 01'.68E
		05° 58'.00N	115° 43'.05E
		05° 59'.18N	115° 39'.20E
		06° 10'.46N	115° 26'.59E
		06° 12'.07N	115° 24'.05E
		06° 12'.13N	115° 09'.90E
		06° 10'.46N	115° 03'.62E
		06° 11'.70N	114° 56'.03E
		06° 12'.66N	114° 50'.18E(W border)
		06° 02'.50N	115° 35'.50E
	legend, (<i>SKR1M</i>), centred on:		

Chart MAL 8608 (Last Correction 75/2018) WGS 84 DATUM


Insert	submarine cable,  , joining:	05° 57'.07N	116° 02'.64E(shore)
		05° 56'.66N	116° 01'.68E
		05° 56'.83N	115° 59'.27E(W border)
	legend, (<i>SKR1M</i>), centred on:	05° 56'.70N	116° 00'.80E

Chart MAL 781 (Last Correction 75/2018) WGS 84 DATUM

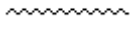
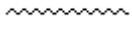
Insert	submarine cable,  , joining:	06° 11'.70N	114° 56'.00E(E border)
		06° 12'.66N	114° 50'.18E
		06° 10'.96N	114° 38'.88E
		06° 18'.23N	114° 04'.24E
		06° 35'.03N	113° 13'.67E
		06° 34'.18N	113° 10'.50E(W border)
		06° 15'.00N	114° 20'.00E
	legend, (<i>SKR1M</i>), centred on:		

Chart MAL 6 (Last Correction 166/2018) WGS 84 DATUM

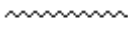
Insert	submarine cable,  , joining:	05° 57'.07N	116° 02'.64E(shore)
		05° 56'.66N	116° 01'.68E
		05° 56'.83N	115° 59'.27E
		05° 57'.99N	115° 43'.05E
		05° 59'.18N	115° 39'.20E
		06° 10'.46N	115° 26'.59E
		06° 12'.07N	115° 24'.05E
		06° 12'.10N	115° 17'.51E
		06° 12'.13N	115° 09'.90E
		06° 11'.68N	115° 08'.20E

06° 10'.46N	115° 03'.62E
06° 11'.70N	114° 56'.03E
06° 12'.66N	114° 50'.18E
06° 10'.96N	114° 38'.88E
06° 18'.23N	114° 04'.24E
06° 35'.03N	113° 13'.67E
06° 34'.18N	113° 10'.51E
06° 25'.51N	112° 38'.09E
06° 26'.10N	111° 54'.79E
06° 20'.70N	111° 28'.09E
06° 22'.69N	111° 06'.45E
06° 10'.03N	110° 54'.50E
05° 56'.77N	110° 37'.78E
05° 50'.31N	109° 46'.00E
05° 18'.83N	108° 28'.20E
05° 18'.45N	108° 23'.63E
05° 22'.13N	108° 17'.12E
05° 22'.15N	107° 50'.23E(W border)

legend, (*SKR1M*), centred on:

06° 25'.00N	112° 20'.00E
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Chart MAL 655 (Last Correction 156/2018) WGS 84 DATUM

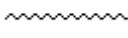
Insert submarine cable,  , joining:

04° 32'.79N	106° 04'.88E(E border)
04° 32'.64N	106° 04'.23E
04° 30'.46N	105° 30'.17E
04° 29'.98N	105° 27'.62E(S border)

legend, (*SKR1M*), centred on:

04° 32'.00N	105° 55'.00E
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Chart MAL 65 (Last Correction 129/2018) WGS 84 DATUM

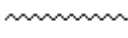
Insert submarine cable,  , joining:

04° 33'.90N	106° 10'.00E(E border)
04° 32'.64N	106° 04'.23E
04° 30'.46N	105° 30'.17E
04° 12'.55N	103° 57'.43E
04° 08'.27N	103° 41'.69E
04° 04'.92N	103° 38'.99E
04° 05'.81N	103° 23'.10E(shore)

legend, (*SKR1M*), centred on:

04° 35'.00N	104° 35'.00E
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Chart MAL 645 (Last Correction 155/2018) WGS 84 DATUM

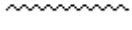
Insert submarine cable,  , joining:

04° 24'.61N	104° 59'.89E(E border)
04° 12'.55N	103° 57'.43E
04° 08'.27N	103° 41'.69E
04° 04'.92N	103° 38'.99E
04° 05'.81N	103° 23'.10E(shore)

legend, (*SKR1M*), centred on:

04° 10'.00N	103° 48'.00E
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Chart MAL 5 (Last Correction 165/2018) WGS 84 DATUM

Insert	submarine cable,  , joining:	05° 18'.29N	108° 23'.86E(E border)
		05° 22'.13N	108° 17'.12E
		05° 22'.15N	107° 50'.21E
		05° 03'.26N	107° 18'.91E
		04° 57'.02N	107° 05'.25E
		04° 50'.78N	107° 03'.77E
		04° 47'.25N	106° 58'.13E
		04° 37'.06N	106° 52'.38E
		04° 37'.57N	106° 26'.93E
		04° 32'.64N	106° 04'.23E
		04° 30'.46N	105° 30'.17E
		04° 12'.55N	103° 57'.43E
		04° 08'.27N	103° 41'.69E
		04° 04'.92N	103° 38'.99E
04° 05'.81N	103° 23'.10E(shore)		
	legend, (<i>SKR1M</i>), centred on:	05° 10'.00N	107° 30'.00E

183*/2018 MALAYSIA – Sarawak – NW Central Luconia Field – Well.

Source: Conocophillips Sarawak Ltd.

Chart MAL 6 (Last Correction 182/2018) WGS 84 DATUM

Insert	 <i>Telaga/Well</i>	04° 38'.11N,	111° 36'.80E

184(T)*/2018 MALAYSIA – Pahang – Kuala Pahang – Buoy.

Source: Marine Department of Malaysia No. 92(T)/2018.

1. Kuala Pahang Fairway buoy, *LFI.10s* in position 03°32'.25N, 103°28'.85E is temporarily unlit.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)
3. Charts affected – MAL 635.

SECTION III

NAVIGATIONAL WARNINGS

185(T)*/2018 MALAYSIA – Sarawak – Oil Field D35 – Cable and Pipe Laying Works.

Source: Sarawak Marine Department No. 88/2018(T).

1. Cable and pipe laying works – 17 Aug to 02 Oct 18 at position as follow:
(1) 03°47'.61N, 112°02'.52E.
(2) 03°45'.90N, 112°03'.75E.
 2. Vessel involved – MV MMA Prestige and MV Executive Benevolence.
 3. Wide berth requested.
 4. Chart affected: MAL 740, MAL 741 and MAL 751.
 5. Cancel this notice 03 Oct 18.
-

186(T)*/2018 MALAYSIA – Terengganu – Bunga Kekwa Field – Drilling Operation.

Source: Repsol Oil & Gas Malaysia.

1. Drilling operation – 03 Sep 18 to 07 Apr 19 at position as follow:
(1) 07°13'.34N, 103°49'.15E. (03/09/2018 to 10/10/2018).
(2) 07°03'.51N, 104°07'.24E. (10/10/2018 to 07/04/2019).
 2. Vessel involved – Rig PVD–III.
 3. Wide berth requested.
 4. Chart affected: MAL 68.
 5. Cancel this notice 04 Apr 19.
-

187(T)*/2018 MALAYSIA – Johor – Pengerang to Pulau Aur – Submarine Fiber Optic Cable Route Survey.

Source: Marine Department of Malaysia No. 104(T)/2018.

1. Submarine fiber optic cable route survey – 08 Aug to 30 Oct 18 at position as follow:
(1) 01°17'.03N, 104°07'.77E.
(2) 01°19'.38N, 104°21'.73E.
(3) 01°26'.23N, 104°30'.60E.
(4) 01°28'.11N, 104°33'.00E.
(5) 02°39'.14N, 104°56'.26E.
 2. Vessel involved – MV EGS Surveyor.
 3. Wide berth requested.
 4. Chart affected: MAL 515, MAL 6124, MAL 6147 and MAL 625.
 5. Cancel this notice 31 Oct 18.
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188(T)*/2018 MALAYSIA – Sarawak – Oil Field Temana – Rig Move and Drilling Activities.

Source: Petronas Carigali Sdn Bhd.

1. Rig move of Naga-3 from Brunei Bay to Temana Field and drilling activities –
01 Aug to 03 Nov 18 at position as follow:
(1) 03°14'.30N, 112°41'.77E.
(2) 03°15'.07N, 112°46'.89E.
 2. Vessel involved – Rig Naga-3, MV Pacific Diligence and Taha Assafa.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 741 and MAL 751.
 5. Cancel this notice 04 Nov 18.
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189(T)*/2018 MALAYSIA – Sarawak – Oil Field D35 – Seismic Survey.

Source: Sarawak Marine Department No. 89/2018(T).

1. Seismic survey – 12 Aug to 11 Oct 18 at area bounded by:
 - (1) 03°52'.78N, 111°31'.03E.
 - (2) 03°57'.18N, 111°35'.43E.
 - (3) 04°00'.60N, 111°32'.04E.
 - (4) 04°22'.80N, 111°54'.23E.
 - (5) 04°19'.38N, 111°57'.62E.
 - (6) 04°21'.54N, 111°59'.78E.
 - (7) 03°58'.75N, 112°22'.38E.
 - (8) 03°55'.46N, 112°19'.09E.
 - (9) 03°53'.65N, 112°20'.88E.
 - (10) 03°31'.18N, 111°58'.42E.
 - (11) 03°32'.99N, 111°56'.63E.
 - (12) 03°29'.99N, 111°53'.63E.
 2. Vessel involved – MV Polarcus Nalla, MV Maria G, MV Nur Amanah and MV Winjaya.
 3. Wide berth requested.
 4. Chart affected: MAL 6, MAL 740, MAL 741, MAL 750 and MAL 751.
 5. Cancel this notice 12 Oct 18.
-

190(T)*/2018 MALAYSIA – Sarawak – Oil Field D28 – Rig Move and Drilling Activities.

Source: Sarawak Marine Department No. 90/2018(T).

1. Rig move from Brunei Bay to D28 Field, Sarawak and drilling activities – 20 Aug to 18 Oct 18 at position as follow:
 - (1) 03°33'.93N, 112°21'.30E.
 - (2) 03°33'.84N, 112°21'.33E.
 2. Vessel involved – Rig Naga-5, MV JM Bayu, MV Bahtera Mulia, Bourbon Liberty 209, MV Bahtera Hadar and MV Bahtera Hamos.
 3. Wide berth requested.
 4. Chart affected: MAL 741 and MAL 751.
 5. Cancel this notice 19 Oct 18.
-

191(T)*/2018 MALAYSIA – Terengganu – Kg Pengkalan Batang – Underwater Cable Installation.

Source: Marine Department of Malaysia No. 106(T)/2018.

1. Underwater cable installation – 13 Aug to 12 Sep 18 at position as follows:
 - (1) 05°48'.35N, 102°38'.71E.
 - (2) 05°53'.97N, 102°43'.86E.
 - (3) 05°53'.93N, 102°44'.34E.
 2. Vessel involved – MV Bold Maverick, MV Bomber 102, MV Beautiful 10 and Sri Murni Kargo.
 3. Wide berth requested.
 4. Chart affected: MAL 664.
 5. Cancel this notice 13 Sep 19.
-

192(T)*/2018 MALAYSIA – Sarawak – Oil Field D18 – Mobilization for Modification of Works.

Source: Sarawak Marine Department No. 91/2018(T).

1. Mobilization for Modification of Works at D18MP –
15 Aug to 31 Dec 18 at position as follows:
(1) 03°36'.32N, 112°24'.75E.
(2) 03°36'.18N, 112°22'.08E.
 2. Vessel involved – MV Salvin Princess, MV Kas Marine 1 and MV Pelican Good.
 3. Wide berth requested.
 4. Chart affected: MAL 741 and MAL 751.
 5. Cancel this notice 01 Jan 19.
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193(T)*/2018 MALAYSIA – Sarawak – Oil Field Baram – Drilling Operation.

Source: Petronas Carigali Sdn Bhd.

1. Drilling operation – 10 Sep to 29 Nov 18 at 04°42'.54N, 113°55'.28E.
 2. Vessel involved – Rig Naga-6.
 3. Berth of 2 nm requested.
 4. Chart affected: MAL 750, MAL 752 and MAL 754.
 5. Cancel this notice 30 Nov 18.
-

194(T)/2018 MALAYSIA – Sabah – Pulau Mangalum – Seismic Survey.

Source: NAVAREA XI 0410/18.

1. Seismic survey – 16 Aug to 20 Sep 18 at area bounded by:
(1) 06°27'.80N, 115°05'.20E.
(2) 06°20'.00N, 115°12'.90E.
(3) 06°14'.80N, 115°07'.80E.
(4) 06°22'.60N, 115°00'.00E.
 2. Vessel involved – CGG Amadeus.
 3. Wide berth requested.
 4. Chart affected: MAL 6 and MAL 872.
 5. Cancel this notice 21 Sep 18.
-

195(T)*/2018 MALAYSIA – Melaka – Pulau Batu Besar – Hydrographic Survey.

Source: Marine Department of Malaysia No. 111(T)/2018.

1. Hydrographic survey – 21 Aug to 15 Sep 18 at area bounded by:
(1) 02°19'.81N, 101°50'.18E.
(2) 02°13'.06N, 101°58'.87E.
(3) 02°11'.29N, 101°57'.49E.
(4) 02°18'.24N, 101°48'.55E.
 2. Vessel involved – MV SSE Delphina.
 3. Wide berth requested.
 4. Chart affected: MAL 521, MAL 5230, MAL 532 and MAL 54.
 5. Cancel this notice 16 Sep 18.
-

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.....