



MALAYSIAN NOTICES TO MARINERS

Monthly Edition 07 of 2016
31ST JULY 2016

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- I - Explanatory Notes / Index of Charts Affected.
- II - Corrections to Charts.
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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: ntm@hydro.gov.my immediately upon the discovery of new dangers, changes or defects in aids to navigation and shortcoming in Malaysian charts or publications.

DATO' PAHLAWAN ZAAIM BIN HASAN
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 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.

Malaysian Notice (MN)

Mariners are to take note the legend MN indicates Malaysian Notice.

INDEX OF CHARTS AFFECTED			
MAL 5	138/2016	MAL 65	146/2016(T)
MAL 5123	139/2016	MAL 655	156/2016(T)
MAL 5128	139/2016	MAL 68	150/2016(T), 153/2016(T)
MAL 5129	139/2016	MAL 752	149/2016(T)
MAL 515	140/2016, 146/2016(T), 154/2016(T), 155/2016(T)	MAL 754	149/2016(T)
MAL 5416	141/2016	MAL 781	151/2016(T)
MAL 5419	141/2016	MAL 8617	144/2016*
MAL 5425	141/2016	MAL 864	148/2016(T), 151/2016(T)
MAL 6124	139/2016, 146/2016(T), 155/2016(T)	MAL 865	148/2016(T)
MAL 6130	142/2016, 143/2016	MAL 871	145/2016, 147/2016(T)
MAL 6134	139/2016, 142/2016, 143/2016	MAL 8715	145/2016
MAL 625	152/2016(T)	MAL 872	147/2016(T), 148/2016(T)
MAL 645	152/2016(T)	MAL 880	145/2016

SECTION II

138/2016 GULF OF THAILAND – Bongkot Gasfield W – Platform.

Source: British Admiralty Notice No. 3829/16.

Chart MAL 5 (Last Correction 124/2016) WGS 84 DATUM

Insert



07°56'.80N, 101°23'.00E

139/2016 SINGAPORE – Pulau Tekong, Tuas View, Tg. Pasir Laba – Buoys, Mooring buoy.

Source: Maritime and Port Authority of Singapore NM 47, 49, 50/2016.

Chart MAL 5123 (Last Correction 46/2016) WGS 84 DATUM

Replace



Fl(2)Y.8s

with



Fl(2)Y.8s

01° 21'.86N, 103° 38'.44E

Insert



Fl.Y.6s, Hyflx-1

01° 18'.23N, 103° 37'.22E



Fl.Y.4s, Hyflx-2

01° 18'.06N, 103° 37'.13E

Chart MAL 5128 (Last Correction 182/2015) WGS 84 DATUM

Replace



Fl(2)Y.8s

with



Fl(2)Y.8s

01° 21'.86N, 103° 38'.44E

Chart MAL 5129 (Last Correction 125/2016) WGS 84 DATUM

Insert



Fl.Y.6s, Hyflx-1

01° 18'.23N, 103° 37'.22E



Fl.Y.4s, Hyflx-2

01° 18'.06N, 103° 37'.13E

Chart MAL 6124 (Last Correction 130/2016) WGS 84 DATUM

Insert



Fl.Y.2s, TK-MB-1

01° 20'.27N, 104° 04'.73E



Fl.Y.2s, TK-MB-2

01° 20'.40N, 104° 04'.59E

Chart MAL 6134 (Last Correction 76/2016) WGS 84 DATUM

Insert



Fl.Y.2s, TK-MB-1

01° 20'.27N, 104° 04'.73E



Fl.Y.2s, TK-MB-2

01° 20'.40N, 104° 04'.59E

140/2016 INDONESIA – Pulau Batam – Batu Berhanti – Wreck and Buoy.

Source: Maritime and Port Authority of Singapore *NM 9/2016.

Chart MAL 515 (Last Correction 127/2016) WGS 84 DATUM

Insert



01° 12'.39N, 103° 54'.15E



01° 12'.70N, 103° 54'.52E

141/2016 MALAYSIA – Perak – Tg. Batu Putih – Buoy.

Source: Royal Malaysian Navy.

Chart MAL 5416 (Last Correction NE/2015) WGS 84 DATUM

Amend



Fl(2)5s

with



(Ru)

04° 14'.42N, 100° 35'.24E

Chart MAL 5419 (Last Correction 117/2015) WGS 84 DATUM

Amend



Fl(2)5s

with



(Ru)

04° 14'.42N, 100° 35'.24E

Chart MAL 5425 (Last Correction NE/2015) WGS 84 DATUM

Amend



Fl(2)5s

with



(Ru)

04° 14'.42N, 100° 35'.24E

142/2016 MALAYSIA – Johor – Tanjung Langsat – Buoy.

Source: Marine Department of Malaysia Notice No. 62/2016.

Chart MAL 6130 (Last Correction 185/2015) WGS 84 DATUM

Move



Fl.Y.5s, TLSSP

from:

01° 25'.80N, 104° 00'.60E

to:

01° 25'.76N, 104° 00'.57E

Chart MAL 6134 (Last Correction 139/2016) WGS 84 DATUM

Move



Fl.Y.5s, TLSSP

from:

01° 25'.80N, 104° 00'.60E

to:

01° 25'.76N, 104° 00'.57E

143/2016 SINGAPORE – Pulau Tekong – Pulau Tekong Kechil S – Buoys.

Source: Maritime and Port Authority of Singapore NM 38/2016.

Chart MAL 6130 (Last Correction 142/2016) WGS 84 DATUM

Insert		<i>Fl. Y. 2s(sync), HDEC-1</i>	01° 24'.23N,	104° 00'.92E
		<i>Fl. Y. 2s(sync), HDEC-3</i>	01° 24'.22N,	104° 01'.19E
		<i>Fl. Y. 2s(sync), HDEC-4</i>	01° 24'.37N,	104° 01'.19E
		<i>Fl. Y. 2s(sync), HDEC-6</i>	01° 24'.38N,	104° 00'.92E

Chart MAL 6134 (Last Correction 142/2016) WGS 84 DATUM

Insert		<i>Fl. Y. 2s(sync), HDEC-1</i>	01° 24'.23N,	104° 00'.92E
		<i>Fl. Y. 2s(sync), HDEC-3</i>	01° 24'.22N,	104° 01'.19E
		<i>Fl. Y. 2s(sync), HDEC-4</i>	01° 24'.37N,	104° 01'.19E
		<i>Fl. Y. 2s(sync), HDEC-6</i>	01° 24'.38N,	104° 00'.92E

144/2016* MALAYSIA – Sandakan – Permatang Bai – Beacon.

Source: National Hydrographic Centre.

Chart MAL 8617 (Last Correction 131/2016) WGS 84 DATUM

Substitute		for		05° 47'.13N,	118° 05.24E
Delete				05° 47'.00N,	118° 05.39E

145/2016 MALAYSIA – Sabah – Pulau Banggi and Sulu Sea - Rocks.

Source: British Admiralty Notice No. 2938/16.

Chart MAL 871 (Last Correction 152/2014) WGS 84 DATUM

Insert		07°12'.71N,	116°58'.66E
		07°14'.28N,	116°59'.99E

Chart MAL 8715 (Last Correction 214/2015) WGS 84 DATUM

Insert



07°12'.71N,	116°58'.66E
07°14'.28N,	116°59'.99E
07°14'.97N,	117°35'.30E
07°14'.14N,	117°40'.67E
07°12'.37N,	117°36'.24E
07°06'.09N,	117°28'.50E

Chart MAL 880 (Last Correction 132/2016) WGS 84 DATUM

Insert



07°12'.71N,	116°58'.66E
07°14'.28N,	116°59'.99E
07°46'.65N,	117°19'.02E
07°44'.82N,	117°16'.24E
07°42'.10N,	117°13'.19E
07°37'.46N,	117°26'.10E
07°14'.97N,	117°35'.30E
07°12'.37N,	117°36'.24E

SECTION III

NAVIGATIONAL WARNINGS

146/2016(T) MALAYSIA – Johor – Pengerang Terminal – Tata Tgn-Intra Asia Cable Repair.

Source: Ben Line Agencies (MALAYSIA) Sdn. Bhd.

1. TATA TGN-INTRA ASIA CABLE REPAIR – 11 JUL TO 11 AUG 16 AT AREA BOUNDED BY:
 - (1) 01°17'.55N, 104°13'.22E.
 - (2) 01°17'.75N, 104°12'.67E.
 - (3) 01°17'.87N, 104°13'.78E.
 - (4) 01°17'.30N, 104°13'.78E.
 - (5) 01°17'.18N, 104°12'.67E.
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 12 AUG 16.
 3. CHART AFFECTED: MAL 515, MAL 6124 AND MAL 65.
-

147/2016(T) MALAYSIA – Sabah – Beting Mantanani Barat – Drilling Operation.

Source: Petronas Carigali Sdn. Bhd.

1. DRILLING OPERATION – 1 JUL TO 25 AUG 16 AT 06°50'.40N, 115°52'.38E.
 2. WIDE BERTH OF 1.5 NM REQUESTED. CANCEL THIS NOTICE 26 AUG 16.
 3. CHART AFFECTED: MAL 871 AND MAL 872.
-

148/2016(T) MALAYSIA – Sabah – Pulau Mangalum – Installation Pipelines.

Source: Shell Exploration & Production.

1. INSTALLATION OF OIL/GAS PIPELINES AND OTHER RELATED ACTIVITIES – 8 JUL TO 25 AUG 16 AT AREA BOUNDED BY :
 - (a) MALIKAI TENSION LEG PLATFORM.
06 20.91N 115 06.29E.
 - (b) PIPELINE RESTRAINT SYSTEM.
06 16.13N 115 08.99E.
 - (c) 8" GAS PIPELINE.
 - (1) 06 20.91N 115 06.27E.
 - (2) 06 20.93N 115 05.53E.
 - (3) 06 20.51N 115 05.20E.
 - (4) 06 19.64N 115 05.45E.
 - (5) 06 19.15N 115 05.79E.
 - (6) 06 18.89N 115 06.15E.
 - (7) 06 18.87N 115 06.18E.
 - (8) 06 18.56N 115 06.67E.
 - (9) 06 18.48N 115 06.76E.
 - (10) 06 17.38N 115 07.93E.
 - (11) 06 16.99N 115 10.56E.
 - (12) 06 21.07N 115 18.68E.
 - (13) 06 21.22N 115 18.88E.
 - (14) 06 23.47N 115 21.18E.
 - (15) 06 23.57N 115 21.26E.
 - (16) 06 24.67N 115 21.91E.
 - (17) 06 24.68N 115 21.92E.
 - (18) 06 25.54N 115 22.45E.
 - (19) 06 25.68N 115 22.58E.
 - (20) 06 26.62N 115 23.65E.

(d) 10" OIL PIPELINE.

- (1) 06 20.91N 115 06.27E.
- (2) 06 21.05N 115 05.26E.
- (3) 06 20.64N 115 04.89E.
- (4) 06 19.78N 115 05.11E.
- (5) 06 19.17N 115 05.48E.
- (6) 06 18.83N 115 05.87E.
- (7) 06 18.78N 115 05.93E.
- (8) 06 18.29N 115 06.38E.
- (9) 06 18.24N 115 06.43E.
- (10) 06 15.18N 115 09.99E.
- (11) 06 15.16N 115 11.91E.
- (12) 06 16.67N 115 13.74E.
- (13) 06 16.77N 115 13.85E.
- (14) 06 19.10N 115 16.11E.
- (15) 06 19.71N 115 16.82E.
- (16) 06 21.07N 115 18.77E.
- (17) 06 21.13N 115 18.83E.
- (18) 06 23.45N 115 21.20E.
- (19) 06 23.55N 115 21.28E.
- (20) 06 24.66N 115 21.94E.
- (21) 06 24.67N 115 21.94E.
- (22) 06 25.55N 115 22.49E.
- (23) 06 25.69N 115 22.61E.
- (24) 06 26.62N 115 23.65E.

2. WIDE BERTH OF 5 NM REQUESTED. CANCEL THIS NOTICE 26 AUG 16.

3. CHART AFFECTED: MAL 864, MAL 865 AND MAL 872.

149/2016(T) MALAYSIA – Pulau Labuan (WEST) – Drilling Operation.

Source: Repsol Oil & Gas MALAYSIA.

1. DRILLING OPERATION – 1 JUL TO 31 OCT 16 AT 05°20'.40N, 114°47'.73E.
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 1 NOV 16.
 3. CHART AFFECTED: MAL 752 AND MAL 754.
-

150/2016(T) MALAYSIA – Offshore Terengganu – Pipeline Installation Work.

Source: Repsol Oil & Gas MALAYSIA.

1. PIPELINE INSTALLATION WORK – 1 AUG TO 15 AUG 16 AT
POSITION AS FOLLOW:
 - (1) 07°12'.86N, 103°51'.00E (BOC).
 - (2) 07°12'.31N, 103°48'.59E (BOD).
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 16 AUG 16.
 3. CHART AFFECTED: MAL 68.
-

151/2016(T) MALAYSIA – Sabah – South China Sea – Torpedo Launching Exercise.

Source: Royal Malaysian Navy.

1. TORPEDO LAUNCHING EXERCISE – 15 AUG TO 23 SEP 16 AT POSITION AS FOLLOW:
 - (1) 06°40'.00N, 114°25'.00E.
 - (2) 06°40'.00N, 114°55'.00E.
 - (3) 06°20'.00N, 114°25'.00E.
 - (4) 06°20'.00N, 114°55'.00E.
 2. WIDE BERTH OF 5 NM REQUESTED. CANCEL THIS NOTICE 24 SEP 16.
 3. CHART AFFECTED: MAL 781 AND MAL 864.
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152/2016(T) MALAYSIA – Offshore Mersing and Cherating – Shore End Cable Installation (SKR1M).

Source: Marine Department of Malaysia Notice No. 61/2016(T).

1. SHORE END CABLE INSTALLATION (SKR1M) – 26 JUN TO 15 AUG 16 AT AREA BOUNDED BY:
 - (a) SEGMENT S1 - MERSING.
 - (1) 02°21'.84N, 103°53'.94E.
 - (2) 02°21'.10N, 103°54'.25E.
 - (3) 02°22'.28N, 103°55'.13E.
 - (4) 02°22'.54N, 103°56'.58E.
 - (5) 02°22'.59N, 103°57'.41E.
 - (6) 02°22'.82N, 103°58'.07E.
 - (7) 02°22'.80N, 103°59'.05E.
 - (8) 02°23'.21N, 104°00'.00E.
 - (b) SEGMENT S5 - CHERATING.
 - (1) 04°05'.80N, 103°23'.10E.
 - (2) 04°06'.03N, 103°23'.82E.
 - (3) 04°05'.83N, 103°24'.96E.
 - (4) 04°05'.83N, 103°25'.05E.
 - (5) 04°06'.12N, 103°25'.27E.
 - (6) 04°06'.78N, 103°29'.21E.
 - (7) 04°05'.69N, 103°30'.04E.
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 16 AUG 16.
 3. CHART AFFECTED: MAL 625 AND MAL 645.
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153/2016(T) MALAYSIA – Offshore Terengganu – Installation Operation.

Source: Marine Department of Malaysia Notice No. 63/2016(T).

1. TOPSIDE REMOTE WELL HEAD PLATFORM INSTALLATION OPERATION – 30 JUN TO 30 SEP 16 AT POSITION AS FOLLOW:
 - (1) 07°07'.19N, 103°22'.54E.
 - (2) 07°04'.84N, 103°27'.16E.
 - (3) 06°57'.30N, 103°27'.06E.
 2. WIDE BERTH OF 1.5 NM REQUESTED. CANCEL THIS NOTICE 1 OCT 16.
 3. CHART AFFECTED: MAL 68.
-

154/2016(T) MALAYSIA – Johor – Beting Ramunia – Cable Repair.

Source: Ben Line Agencies (MALAYSIA) Sdn. Bhd.

1. EAC2 SEGMENT S2A1 CABLE REPAIR WORK – 27 JUL TO 15 AUG 16 AT AREA BOUNDED BY:

(a) SEGMENT 1.

- (1) 01°29'.63N, 104°28'.56E.
- (2) 01°30'.94N, 104°29'.28E.
- (3) 01°29'.26N, 104°29'.09E.
- (4) 01°28'.08N, 104°28'.63E.
- (5) 01°28'.48N, 104°27'.56E.
- (6) 01°29'.63N, 104°28'.00E.

(b) SEGMENT 2.

- (1) 01°22'.82N, 104°22'.71E.
- (2) 01°24'.16N, 104°23'.38E.
- (3) 01°23'.50N, 104°24'.01E.
- (4) 01°21'.65N, 104°21'.91E.
- (5) 01°22'.03N, 104°21'.43E.
- (6) 01°22'.89N, 104°22'.05E.

2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 16 AUG 16.
 3. CHART AFFECTED: MAL 515.
-

155/2016(T) MALAYSIA – Johor – Tanjung Ayam – Cable Repair.

Source: Telekom Malaysia Berhad.

1. ASIA PACIFIC NETWORK 2 CABLE REPAIR WORK – 27 JUL TO 25 AUG 16 AT AREA BOUNDED BY:

- (1) 01°17'.83N, 104°12'.06E.
- (2) 01°18'.34N, 104°14'.39E.
- (3) 01°18'.15N, 104°14'.45E.
- (4) 01°17'.64N, 104°12'.13E.
- (5) 01°17'.73N, 104°12'.09E.
- (6) 01°18'.22N, 104°14'.42E.

2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 26 AUG 16.
 3. CHART AFFECTED: MAL 515 AND MAL 6124.
-

156/2016(T) MALAYSIA – Offshore Terengganu – 3D Seismic Survey.

Source: Lundin Petroleum B.V.

1. 3D SEISMIC SURVEY – 10 AUG TO 31 AUG 16 AT 05°20'.40N, 114°47'.73E.
 2. WIDE BERTH REQUESTED. CANCEL THIS NOTICE 1 SEP 16.
 3. CHART AFFECTED: MAL 655.
-

SECTION IV

INFORMATION ON AVAILABILITY OF MALAYSIAN NAUTICAL CHARTS.

1. Effective 1st July 2016, new price for Malaysian Nautical Charts are as follows:

Bil	Item	Old Price	New Price
1	Paper Charts	RM 60.00	RM 120.00

2. The following new edition charts have been published and previous editions hereby cancelled:

Chart No.	Title	Scale	Edition
MAL 6128	Pelabuhan Johor	1 : 10 000	15 Jul 16
MAL 8503	Telukon Lahad Datu (Darvel Bay)	1 : 100 000	15 Jul 16

3. The following new chart has been published:

Chart No.	Title	Scale	Edition
MAL 8553	Pelabuhan Sandakan	1 : 20 000	15 Jul 16

4. The above charts are available at agents and at:

National Hydrographic Centre
Royal Malaysian Navy
Bandar Armada Putra
Pulau Indah
42009 PORT KLANG
Selangor

No. Tel : 03-31694400/4555
Website : www.hydro.gov.my

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.....