



SINGAPOREAN NOTICES TO MARINERS

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The monthly Notices to Mariners contain corrective information affecting charts published by the Hydrographic Department, Maritime and Port Authority of Singapore. The information contained in these Notices should be updated on the charts affected. Notices under Section II apply only to the particular Singaporean Chart(s) indicated.

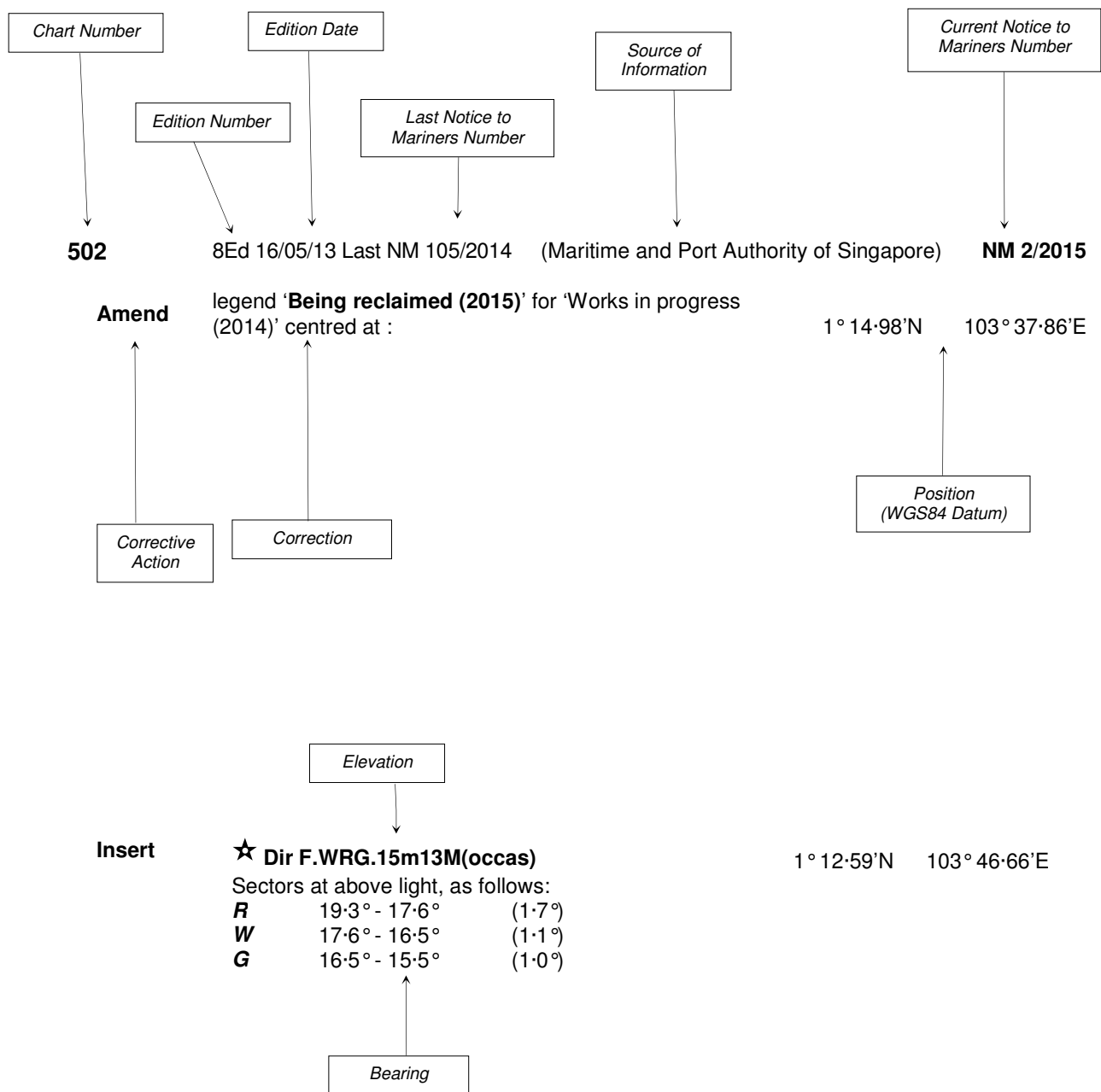
Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, immediately on the discovery of new dangers or suspected dangers to navigation and of changes or defects in aids to navigation. See Hydrographic Note on back page.

The monthly Singaporean Notices to Mariners can be accessed directly from the MPA website:
[http://www.mpa.gov.sg/sites/port_and_shipping/circulars_and_notices/singapore_notices_to_mariners\(ntm\).page](http://www.mpa.gov.sg/sites/port_and_shipping/circulars_and_notices/singapore_notices_to_mariners(ntm).page)

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EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



Notes:

- Notice to Mariners number followed by:
T indicates a Temporary Notice (eg. **NM 3T/2015**).
P indicates a Preliminary Notice (eg. **NM 4P/2015**).
- Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward.
- Heights and elevations are above Mean High Water Springs.

I
INDEX OF CHARTS AND PUBLICATIONS

INDEX OF AFFECTED CHARTS

DESCRIPTION	NOTICE NO.	PAGE NO.
Index of Singaporean Charts	-	3, 4
Index of Dual-Badged Charts	-	5 to 7
Index of Singapore Electronic Navigational Chart (ENC)	-	8
New Edition Dual Badged Charts	-	9 to 12
New Edition Electronic Navigational Chart (ENC)	-	12 to 14
Singaporean Chart GSP1/SP1	*38, *39	15
Singaporean Chart 201	40, 41	15
Singaporean Chart 202	42	15
Singaporean Chart 500	*38	15
Singaporean Chart 501	*38	15
Singaporean Chart 502	42	16
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Temporary and Preliminary Notices	*43P, *44P	17
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Singapore Port Marine Notices	*46	18
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Amendments to Publications	*48	20
Reprint of Radio Navigational Warnings	-	21
Extract of Admiralty Notices to Mariners for Dual-Badged Charts	-	22, 23
Singapore Electronic Navigational Chart (ENC) Distributors	-	24
Chart Distributors for the Maritime and Port Authority of Singapore Nautical Charts and Publications	-	25

*Source: Maritime and Port Authority of Singapore

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INDEX OF NOTICES

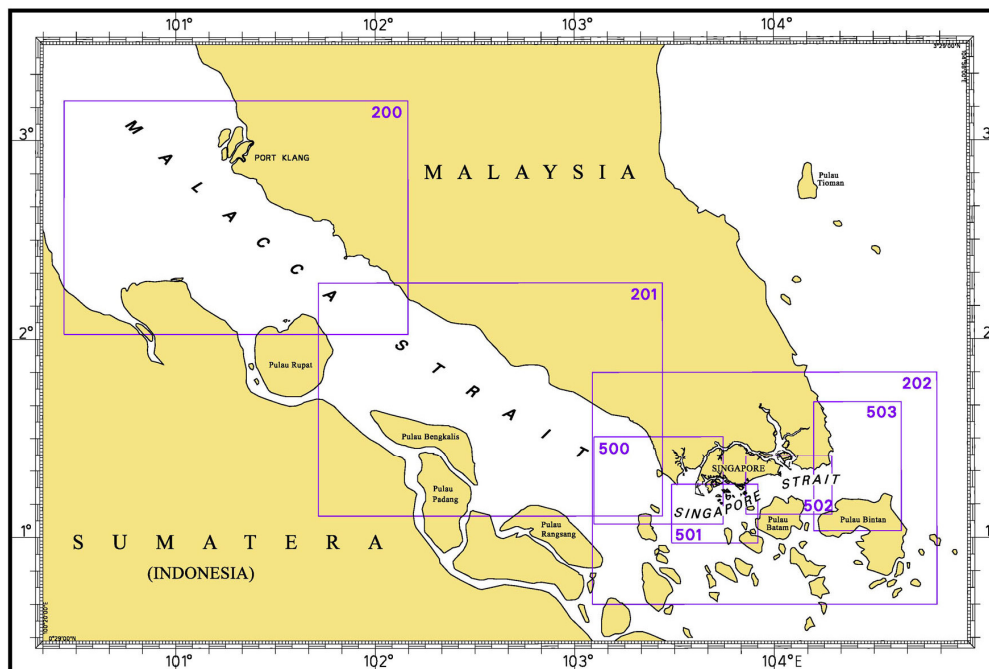
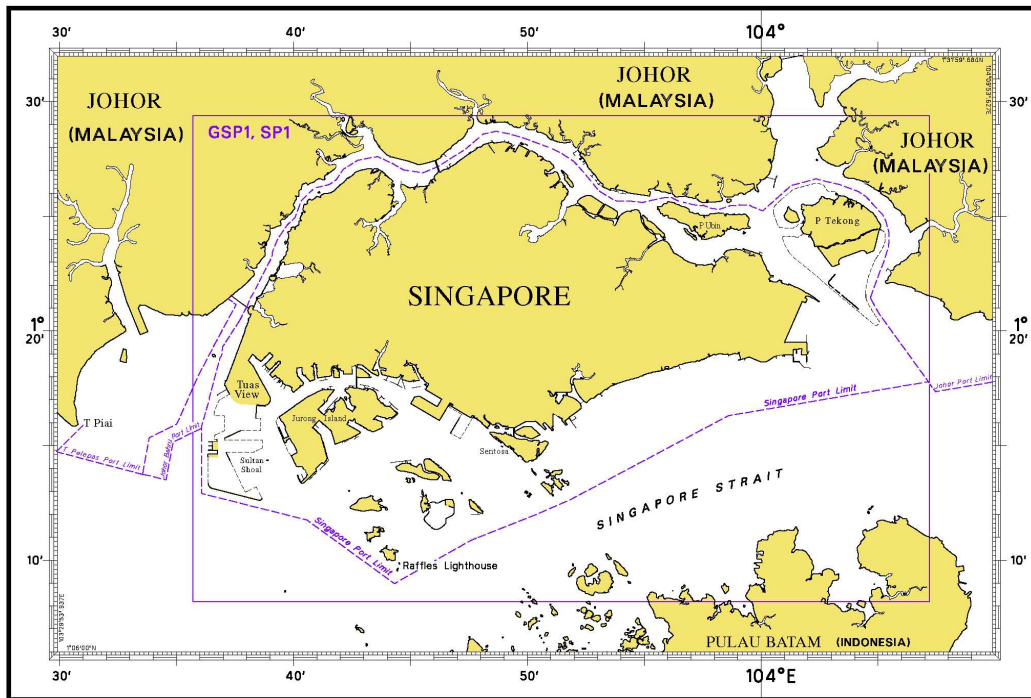
NOTICE NO.	DESCRIPTION	PAGE NO.
-	Index of Singaporean Charts	3, 4
-	Index of Dual-Badged Charts	5 to 7
-	Index of Singapore Electronic Navigational Chart (ENC)	8
-	New Edition Dual Badged Charts	9 to 12
-	New Edition Electronic Navigational Chart (ENC)	12 to 14
*38, *39	Singaporean Chart GSP1/SP1	15
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42	Singaporean Chart 202	15
*38	Singaporean Chart 500	15
*38	Singaporean Chart 501	15
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*45	Navigational Information	18
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* Source: Maritime and Port Authority of Singapore

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INDEX OF CHARTS AND PUBLICATIONS

INDEX OF SINGAPOREAN CHARTS



Notes:

Updated Singaporean Charts are available through our Print-On-Demand (POD) Chart Service. For more information, refer to Section III – Navigational Information. These charts can be purchased from our Chart Distributors.

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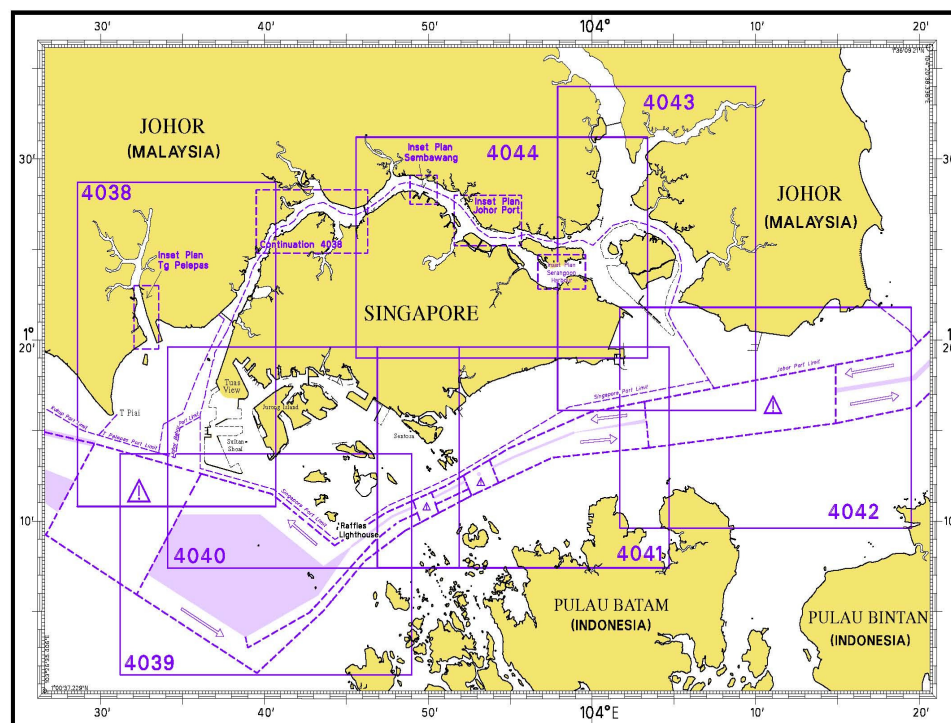
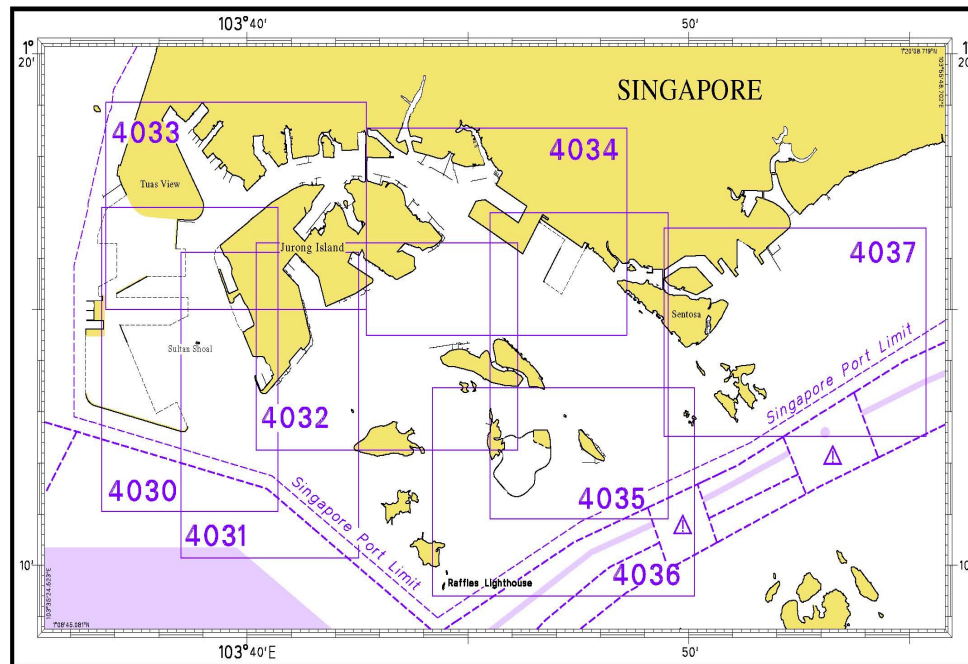
SINGAPOREAN CHARTS

Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
GSP1	Anchorage and Aids to Navigation (with Area Reference)	60 000	02/03/2015
SP1	Anchorage and Aids to Navigation	60 000	02/03/2015
200	Malacca Strait - Port Klang to Tanjung Keling	200 000	22/09/2011
201	Malacca Strait - Tanjung Keling to Western Entrance of Singapore Strait	200 000	15/08/2014
202	Singapore Strait	200 000	26/09/2013
500	Malacca and Singapore Straits – Pulau Pisang to Raffles Lighthouse	75 000	26/09/2013
501	Singapore Strait – Western Part	50 000	03/05/2012
502	Singapore Strait - Eastern Part	50 000	03/05/2012
503	South China Sea - Eastern Approaches and Entrance to Singapore Strait	75 000	15/08/2014
-	Charts for Small Craft – Singapore Strait & Adjacent Waterways	10 000 to 200 000	02/01/2015
1	Symbols Abbreviations Terms and S-57 Objects used on Singapore Nautical and Electronic Navigational Charts. Available at MPA website http://www.mpa.gov.sg/sites/global_navigation/ publications/chart1.page	-	28/07/2011

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INDEX OF DUAL-BADGED CHARTS



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DUAL- BADGED CHARTS

Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
4030	Port of Singapore West Jurong Anchorages and Temasek Fairway	10 000	15/05/2014
4031	Port of Singapore Western Approaches to Jurong Island	10 000	15/05/2014
4032	Port of Singapore Sinki Fairway	10 000	15/05/2014
4033	Port of Singapore Tuas Bay, West Jurong Channel and Pesek Basin	10 000	15/05/2014
4034	Port of Singapore East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway	10 000	28/08/2014
4035	Port of Singapore Western Anchorages, Jong Fairway and Cruise Bay	10 000	28/08/2014
4036	Port of Singapore Raffles Lighthouse to The Sisters	10 000	25/04/2013
4037	Port of Singapore Keppel Harbour, Tanjong Pagar Terminal and Approaches	10 000	25/04/2013
4038	Malaysia and Singapore Johor Strait – Western Part	30 000	26/09/2013
4039	Indonesia, Singapore and Malaysia Western Approaches to Main Strait	30 000	24/04/2014
4040	Singapore, Indonesia and Malaysia Tuas View to Pulau Sakijang Bendera (S. John's Island)	30 000	14/08/2014
4041	Singapore and Indonesia Pulau Sebarok to Changi	30 000	14/08/2014

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DUAL- BADGED CHARTS

Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
4042	Indonesia, Malaysia and Singapore Changi to Pulau Mungging and Tanjung Buntan to Tanjung Tondang	30 000	24/04/2014
4043	Malaysia and Singapore Kuala Johor and Sungai Johor	30 000	09/04/2015
4044	Singapore and Malaysia Johor Strait - Eastern Part	30 000	09/04/2015

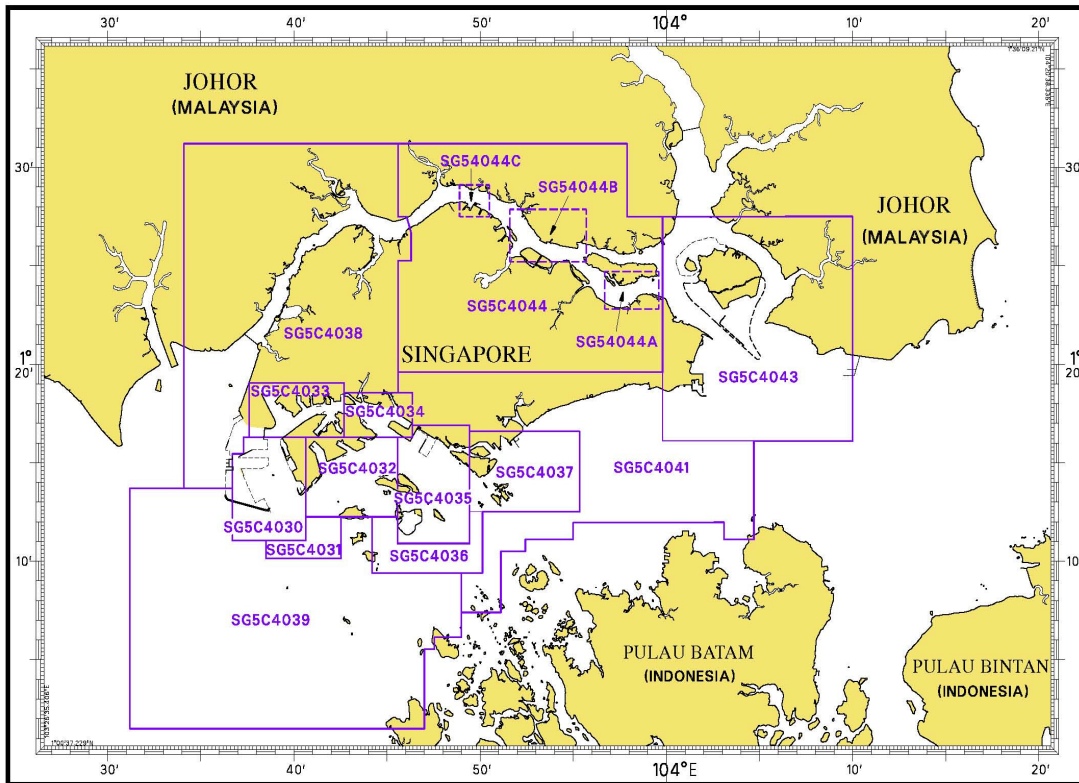
SINGAPOREAN PUBLICATIONS

Item	Title
1	Singapore Tide Tables Year 2015
2	Singapore Port Information 2014/2015

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INDEX OF SINGAPORE ELECTRONIC NAVIGATIONAL CHART (ENC)



SINGAPORE ELECTRONIC NAVIGATIONAL CHART (ENC)

ENC Name	ENC Coverage	ENC Edition
SG5C4030	West Jurong Anchorages and Temasek Fairway	7 th Edition (1/09/2014)
SG5C4031	Western Approaches to Jurong Island	7 th Edition (1/09/2014)
SG5C4032	Sinki Fairway	9 th Edition (1/09/2014)
SG5C4033	Tuas Bay, West Jurong Channel and Pesek Basin	7 th Edition (1/09/2014)
SG5C4034	East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway	12 th Edition (1/09/2014)
SG5C4035	Western Anchorages, Jong Fairway and Cruise Bay	15 th Edition (1/09/2014)
SG5C4036	Raffles Lighthouse to The Sisters	8 th Edition (1/09/2014)
SG5C4037	Keppel Harbour, Tanjong Pagar Terminal and Approaches	8 th Edition (1/09/2014)
SG5C4038	Johor Strait – Western Part	7 th Edition (1/09/2014)
SG5C4039	Western Approaches to Main Strait	7 th Edition (1/09/2014)
SG5C4041	Pulau Sebarok to Changi	8 th Edition (1/09/2014)
SG5C4043	Kuala Johor	11 th Edition (9/04/2015)
SG5C4044	Johor Strait – Eastern Part	11 th Edition (9/04/2015)
SG54044A	Serangoon Harbour	2 nd Edition (9/04/2015)
SG54044B	Pelabuhan Johor (Johor Port)	2 nd Edition (9/04/2015)
SG54044C	Sembawang	2 nd Edition (9/04/2015)

The latest edition of the Singapore ENC covering Singapore Waters and their approaches can be found in our monthly Singaporean Notices to Mariners at MPA website: [http://www.mpa.gov.sg/sites/port_and_shipping/port/charts_tidal_information_and_hydrography/charts/singapore_electronic_navigational_chart\(enc\).page](http://www.mpa.gov.sg/sites/port_and_shipping/port/charts_tidal_information_and_hydrography/charts/singapore_electronic_navigational_chart(enc).page)

II NEW PUBLICATIONS

NEW EDITION DUAL- BADGED CHARTS PUBLISHED ON 9TH APRIL 2015

Chart Number	:	4043
Title	:	Malaysia and Singapore Kuala Johor and Sungai Johor
Coverage	:	Lat 01° 16'·10 N 01° 34'·00 N Long 103° 57'·90 E 104° 10'·00 E
Scale	:	1: 30 000
Date Published	:	9 th April 2015
Size of Chart	:	748·1 x 1099·6 mm
Descriptions	:	This new edition includes updates covering north and south of Pulau Ubin, around Pulau Tekong, Kuala Johor and Eastern Fairway.

The existing chart of the same number published on 14th August 2014 is superseded.

Chart Number	:	4044
Title	:	Malaysia and Singapore Johor Strait, Eastern Part
Coverage	:	Lat 01° 19'·00 N 01° 31'·20 N Long 103° 45'·60 E 104° 03'·40 E
Scale	:	1: 30 000
Date Published	:	9 th April 2015
Size of Chart	:	1100·5 x 749·5 mm
Descriptions	:	This new edition includes updates covering East Johor Strait from Causeway to Serangoon Harbour, north of Pulau Ubin, north of Pulau Tekong and Kuala Johor.

The existing chart of the same number published on 14th August 2014 is superseded.

II NEW PUBLICATIONS

NEW EDITION DUAL- BADGED CHARTS TO BE PUBLISHED ON 28TH MAY 2015

Chart Number : 4034
Title : Port of Singapore
 East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway
Coverage : Lat 01° 14' 50 N 01° 18' 55 N
 Long 103° 42' 70 E 103° 48' 60 E
Scale : 1: 10 000
Date Published : 28th May 2015
Size of Chart : 1094.3 x 746.3 mm
Descriptions : This new edition includes updates covering East Jurong Channel, Pasir Panjang Terminal Phase 3 and 4, West Keppel Fairway and north of Jurong Island.

The existing chart of the same number published on 28th August 2014 will be superseded.

Chart Number : 4035
Title : Port of Singapore
 Western Anchorages, Jong Fairway and Cruise Bay
Coverage : Lat 01° 10' 90 N 01° 16' 90 N
 Long 103° 45' 50 E 103° 49' 54 E
Scale : 1: 10 000
Date Published : 28th May 2015
Size of Chart : 1105.7 x 749.4 mm
Descriptions : This new edition includes updates covering Pasir Panjang Terminal Phase 3 and 4, East Jurong Channel, west of Sentosa and east of Pulau Sebarok.

The existing chart of the same number published on 28th August 2014 will be superseded.

Chart Number : 4036
Title : Port of Singapore
 Raffles Lighthouse to The Sisters
Coverage : Lat 01° 09' 40 N 01° 13' 47 N
 Long 103° 44' 20 E 103° 50' 13 E
Scale : 1: 10 000
Date Published : 28th May 2015
Size of Chart : 1100.0 x 750.1 mm
Descriptions : This new edition includes updates covering Sisters Fairway, Southern Fairway, east of Pulau Sebarok, area covering the Shell SBM pipeline, Shell SBM and Semakau Spoil Ground.

The existing chart of the same number published on 25th April 2013 will be superseded.

II NEW PUBLICATIONS

NEW EDITION SINGAPORE ENC TO BE RELEASED ON 7TH May 2015

ENC Name : SG5C4030
Location : West Jurong Anchorages and Temasek Fairway
Coverage : Lat 01° 11'050" N 01° 16'300" N
 Long 103° 36'700" E 103° 40'640" E
Compilation Scale : 1: 8 000
Date Released : 07th May 2015
Descriptions : This new edition includes updates covering West Jurong Anchorage and Temasek Fairway.

The existing cell of the same name released on 01st September 2014 will be superseded.


ENC Name : SG5C4032
Location : Sinki Fairway
Coverage : Lat 01° 12'250" N 01° 16'300" N
 Long 103° 40'640" E 103° 45'580" E
Compilation Scale : 1: 8 000
Date Released : 07th May 2015
Descriptions : This new edition includes updates covering Sinki Fairway.

The existing cell of the same name released on 01st September 2014 will be superseded.

ENC Name : SG5C4033
Location : Tuas Bay, West Jurong Channel and Pesek Basin
Coverage : Lat 01° 16'300" N 01° 19'050" N
 Long 103° 38'000" E 103° 42'700" E
Compilation Scale : 1: 8 000
Date Released : 07th May 2015
Descriptions : This new edition includes updates covering Tuas Bay, West Jurong Channel and Pesek Basin.

The existing cell of the same name released on 01st September 2014 will be superseded.

II NOTICES TO MARINERS AND CHART CORRECTIONS

GSP1/SP1	10Ed 2/03/15 Last NM 32/2015	(Maritime and Port Authority of Singapore)	NM 38/2015
Insert	the accompanying block showing being reclaimed limit and buoys centred at:	1°14'98"N	103°38'06"E
	the accompanying note 'BEING RECLAIMED' centred at:	1°26'60"N	104°05'90"E
		(Maritime and Port Authority of Singapore)	NM 39/2015
Insert	 Q.R.6m5M OTB Front symbol, light-beacon with red triangular topmark, apex downwards, Iso.R.4s13m5M OTB Rear	1°14'21"N 1°14'17"N	103°45'06"E 103°45'01"E
<hr/>			
201	5Ed 15/08/14 Last NM 7/2015	(Royal Malaysian Navy Notice No. 3/55/15)	NM 40/2015
Insert	★ Fl.5s	2°05'57"N	102°29'03"E
		(Admiralty Notice No. 14/1640/2015)	NM 41/2015
Amend	light-beacon to, Fl(3)15s33m11M	1°55'24"N	101°46'29"E
<hr/>			
202	7Ed 26/09/13 Last NM 31/2015	(Admiralty Notice No. 16/1843/2015)	NM 42/2015
Insert	circular limit of 0m drying contour, radius 50m, centred on legend, Dries , close E of:	(a) 1°20'04"N (a) above	104°13'54"E
<hr/>			
500	7Ed 26/09/13 Last NM 63/2014	(Maritime and Port Authority of Singapore)	NM 38/2015
Insert	the accompanying block showing being reclaimed limit and new coastline centred at:	1°15'30"N	103°38'60"E
<hr/>			
501	6Ed 3/05/12 Last NM 31/2015	(Maritime and Port Authority of Singapore)	NM 38/2015
Insert	the accompanying block showing being reclaimed limit and new coastline centred at:	1°15'06"N	103°38'59"E
<hr/>			

Insert	circular limit of 0m drying contour, radius 50m, centred on legend, Dries , close E of:	(a)	1°20'04"N	104°13'54"E
		(a)	above	

Insert	circular limit of 0m drying contour, radius 50m, centred on legend, Dries , close E of:	(a)	1°20'04"N	104°13'54"E
		(a)	above	

Block for Chart GSP1

Block for Chart SP1

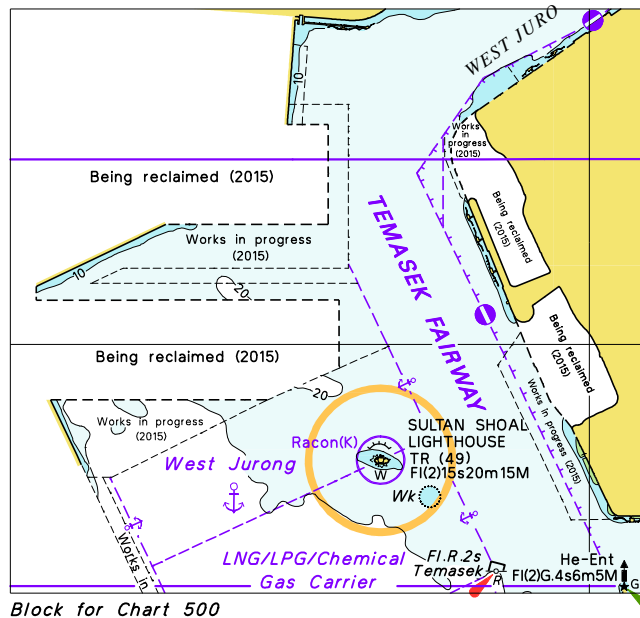
To accompany Notices to Mariners 38/2015

On Chart SP1/GSP1

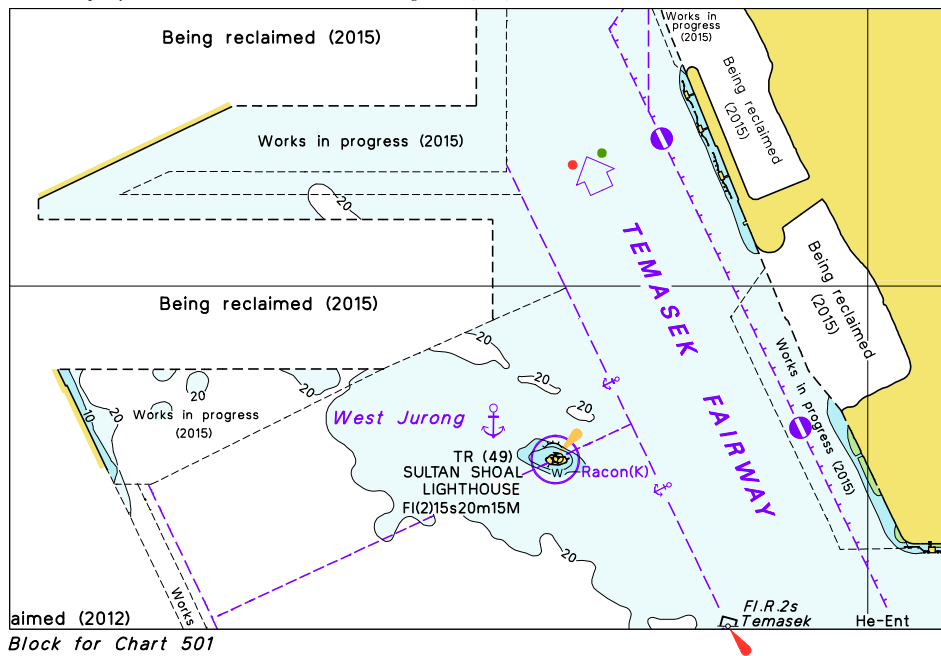
BEING RECLAIMED (1°14'·9N, 103°37'·9E)

Reclamation works are in progress in this area. The working area is marked by buoys. Mariners are advised to keep well clear and not to enter the working area. Depths within the working area will be shallower as the reclamation progresses. Uncharted buoys may be present within the working area. For further information consult the local authorities and see the relevant Singaporean Port Marine Notices available at the MPA website : <http://www.mpa.gov.sg>.

To accompany Notices to Mariners 38/2015. Image size (mm) 83.5 X 77.3



To accompany Notices to Mariners 38/2015. Image size (mm) 124.4 X 82.1



II TEMPORARY AND PRELIMINARY NOTICES

***(NM 43P/2015) Wreck at Eastern Anchorage - off Outer Shoal**

The wreck at position Latitude 1°15.94' N Longitude 103°53.77' E was salvaged and removed on 3rd March 2015. The isolated danger mark marking the wreck was also removed.

Remark : Singapore Notices to Mariners No. 26T/2015 is cancelled.

Charts affected : GSP1/SP1 and 502.

***(NM 44P/2015) Deletion of West Jurong Anchorage**

West Jurong Anchorage is bounded by a line joining the following geographical positions:

	Latitude	Longitude
i)	1°14.305' N	103°37.425' E
ii)	1°15.002' N	103°38.918' E
iii)	1°14.505' N	103°39.155' E
iv)	1°13.807' N	103°37.661' E
v)	1°14.305' N	103°37.425' E

Remark : With effect from 01 June 2015 at 0001hrs the usage of West Jurong Anchorage will ceased.
All mariners and users of the anchorage are to comply.

Charts affected : GSP1/SP1, 501, 500, 4030, 4031, 4038 and 4040

Publication: Singapore Port Information 2014/2015

III NAVIGATIONAL INFORMATION

*(NM 45/2015)

ASIA PACIFIC CABLE NETWORK 2 (APCN 2) – Repair of fault cable

Description	: Mariners are advised that cable repair works to the APCN 2 (Singapore to Kuantan) cable will be carried out in the Traffic Separation Scheme, west of Horsburgh Lighthouse. Navigate with caution and give a wide berth when approaching the cable repair vessel.		
Vessel Involved	: CS “ASEAN RESTORER” (cable repair vessel, call sign “9VFU”)		
Date and Duration	: 30 th April to 3 rd May 2015 (4 days)		
Operating Hours	: Daily, from 0000 hrs to 2400 hrs (including Sunday and Public Holiday).		
Location of cable fault (Coordinates in WGS84)	:	Latitude (N) 01 ° 19.455’ 01 ° 19.766’	Longitude (E) 104 ° 20.272’ 104 ° 20.638’
Charts Affected	: 202, 503		
Source	: Maritime and Port Authority of Singapore		

*(NM 46/2015) SINGAPORE PORT MARINE NOTICES

The Port Marine Notices shortlisted below would be of particular interest to mariners. Details and complete list of Port Marine Notices are available at this link:

http://www.mpa.gov.sg/sites/port_and_shipping/circulars_and_notices/port_marine_notices.page

PMN No.	Subject
32/2015	Reclamation work at Pulau Tekong.
33/2015	Construction of Aviation Park Staging Ground and Changi East Finger work extension.
34/2015	Reclamation, sand re-handling and soil investigation work off West Jurong and ALGAS Anchorages.
40/2015	Reclamation work at Western Part of Tuas View Extension.
43/2015	Reclamation work off Temasek Fairway, west of Jurong Island.

III

NAVIGATIONAL INFORMATION

*(NM 47/2015) SINGAPOREAN PRINT-ON-DEMAND (POD) CHARTS

Print-On-Demand (POD) Charts are the most up-to-date paper nautical charts printed for navigational use. These nautical charts are produced in accordance with the International Hydrographic Organisation (IHO) chart specifications. These official nautical charts are continually updated to the latest Notices to Mariners before they are printed and sold to users.

These POD Charts include 200, 201, 202, 500, 501, 502 and 503.

BENEFITS TO OUR CUSTOMERS**Convenience**

Customers need not make numerous hand corrections to the nautical charts before use. In addition the updated POD Charts are more accurate and reliable than offset printed charts with hand corrections.

Clarity

Clarity in the presentation of updated information as compared to lithographic printed charts, where in some cases there are several overlapping corrections over existing information.

Coverage

The POD Charts cover the Malacca and Singapore Straits, from One Fathom Bank to Horsburgh Lighthouse.

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 48/2015) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2014/2015”

1. Page 142.

CHARACTERISTICS OF AIDS TO NAVIGATION

SINKI FAIRWAY

Insert the following:

Name of Beacon/Buoy	Position Lat. N Long. E Deg Min	Structure Colour & Shape	Light Characteristic	Owner
OTB Front Beacon	01° 14.213' 103° 45.064'	Red triangle points upward on white pole	Q.R.6m5M	Tankstore
OTB Rear Beacon	01° 14.171' 103° 45.010'	Red triangle points downward on white lattice tower	Iso.R.4s13m5M	Tankstore

2. Page 175

SENOKO POWER STATION (SENOKO ENERGY PTE LTD) (1°28.0'N, 103°47.7'E)

Amend the following:

Berth	Length of Berth	Max LOA	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
Jetty	302m	274m	12.0m (2015)	9.9m

IV REPRINT OF RADIO NAVIGATIONAL WARNINGS

The following Radio Navigational Warnings have been shortlisted, as they would be of particular interest to mariners.

TT175

VESSELS IN EAST JOHOR STRAIT ARE ADVISED TO NAVIGATE WITH CAUTION WHEN NEAR THE PROJECT AREAS OFF PULAU TEKONG, CHANGI AND MALANG PAPAN AS SHALLOW WATER AREAS EXIST. VESSELS ARE ADVISED TO KEEP LOOKOUT FOR TUGS AND BARGES NAVIGATING NEAR THE PROJECT AREAS AND PASSENGER FERRIES CROSSING BETWEEN CHANGI AND PULAU TEKONG AND VICINITY OF PASIR GUDANG.

TT240

SALVAGE OPERATIONS IS BEING CONDUCTED IN THE VICINITY OF HORSBURGH LIGHTHOUSE IN POSITION LAT 01° 19.814'N LONG 104° 24.337'E.

ALL VESSELS APPROACHING THE VICINITY ARE ADVISED TO MAINTAIN A GOOD LOOKOUT AND KEEP AT LEAST 5 CABLES CLEAR FROM HORSBURGH LIGHTHOUSE.

TT961

VESSELS INTENDING TO CROSS THE TRAFFIC SEPARATION SCHEME(TSS) OR PRECAUTIONARY AREAS IN THE SINGAPORE STRAIT DURING THE HOURS OF DARKNESS ARE RECOMMENDED TO DISPLAY THE NIGHT SIGNALS CONSISTING OF 3 ALL-ROUND GREEN LIGHTS IN A VERTICAL LINE WITH EFFECT FROM 1ST JULY 2011 AT 010000UTC (0800SGT) AS DETAILED IN MARITIME AND PORT AUTHORITY OF SINGAPORE'S PORT MARINE CIRCULAR, 02 OF 2011 DATED 30 MAY 2011.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 26th April 2015)

V

EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL-BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

<http://www.ukho.gov.uk/ProductsandServices/MartimeSafety/Pages/NMPublic.aspx>

1055 SINGAPORE STRAIT – Selat Phillip – Pulau Labon Besar NW – Buoy.

Source: Indonesian Notice 48/477/14

Chart 4039 [*previous update 634/15*] WGS84 DATUM

Insert  *Fl.Y.8s* 1° 06' 70N., 103° 46' 30E.

1710 SINGAPORE – Sakra Basin, Seraya Power Station NE, Vopak Terminals, Terumbu Pandan NE, Pulau Busing NW and P. Merambung NE – Dredged depths. Buoyage.

Source: Maritime and Port Authority of Singapore

Chart 4032 [*previous update 1449/15*] WGS84 DATUM

Amend	dredged depth to, 12.0m (2014) , centred on:	1° 15' 940N., 103° 42' 670E.
	dredged depth to, 12.1m (2014) , centred on:	1° 15' 898N., 103° 42' 749E.
	dredged depth to, 10.2m (2014) , centred on:	1° 15' 852N., 103° 42' 832E.
	dredged depth to, 6.4m (2014) , centred on:	1° 15' 765N., 103° 43' 019E.
	dredged depth to, 1.7m (2014) , centred on:	1° 15' 723N., 103° 43' 110E.
	dredged depth to, 3.0m (2014) , centred on:	1° 15' 667N., 103° 43' 185E.
	dredged depth to, 11.0m (2015) , centred on:	1° 15' 413N., 103° 42' 772E.
	designation of light-buoy to, Butir	1° 14' 636N., 103° 43' 828E.
	designation of light-buoy to, E Cyrene	1° 15' 611N., 103° 45' 885E.

Chart 4034 [*previous update 634/15*] WGS84 DATUM

Amend	dredged depth to, 15.1m (2014) , centred on:	1° 17' 067N., 103° 43' 888E.
	dredged depth to, 12.1m (2014) , centred on:	1° 15' 898N., 103° 42' 749E.
	dredged depth to, 10.2m (2014) , centred on:	1° 15' 853N., 103° 42' 831E.
	dredged depth to, 6.4m (2014) , centred on:	1° 15' 765N., 103° 43' 019E.
	dredged depth to, 1.7m (2014) , centred on:	1° 15' 723N., 103° 43' 110E.
	dredged depth to, 3.0m (2014) , centred on:	1° 15' 667N., 103° 43' 185E.
	dredged depth to, 11.0m (2015) , centred on:	1° 15' 413N., 103° 42' 772E.
	designation of light-buoy to, Butir	1° 14' 636N., 103° 43' 828E.
	designation of light-buoy to, E Cyrene	1° 15' 611N., 103° 45' 885E.

Chart 4035 [*previous update 1449/15*] WGS84 DATUM

Amend	designation of light-buoy to, E Cyrene	1° 15' 611N., 103° 45' 885E.
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Chart 4038 [*previous update 634/15*] WGS84 DATUM

Insert	 Fl(2+1)G.10s Merawang	1° 19' 30N., 103° 37' 01E.
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V

EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL-BADGED CHARTS

1710 SINGAPORE – Sakra Basin, Seraya Power Station NE, Vopak Terminals, Terumbu Pandan NE, Pulau Busing NW and P. Merambung NE – Dredged depths. Buoyage. (continued)

Chart 4040 [previous update 1449/15] WGS84 DATUM

Insert	 FI(2+1)G.10s Merawang	1° 19' 30N., 103° 37' 01E.
Amend	designation of light-buoy to, Butir	1° 14' 64N., 103° 43' 83E.
	designation of light-buoy to, E Cyrene	1° 15' 62N., 103° 45' 92E.

1843 MALAYSIA – Peninsular Malaysia, East Coast – Johor – Drying contour. Legend

Source: UKHO

Chart 4042 [previous update 1124/15] WGS84 DATUM

Insert	circular limit of 0m drying contour, radius 50m, centred on: legend, Dries , close E of:	(a) 1° 20' 04N., 104° 13' 54E. (a) above
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HYDROGRAPHIC NOTE - Instructions

1. Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, when new or suspected dangers to navigation are discovered, changes are observed in aids to navigation or where corrections to nautical publications may be necessary. Reports, which cannot be confirmed or are lacking in certain details should not be withheld.
2. Any ambiguities of time, positioning and depth should be stressed and any firm expectation of being able to check the information provided on a following voyage should be mentioned.
3. Mariners using satellite position fixing systems, eg. GPS, should provide details of equipment and datum used (where applicable). Where bearings (true or magnetic) are taken visually or by radar to fix a position, it should include more than two objects in order to provide a check on its accuracy. A position may also be defined by bearing and distance from a conspicuous object eg. beacon, lighthouse etc.
4. The note should include a tracing or a digital image of the chart used and the details should be clearly marked.
5. Echo sounders frequently register greater depths than the advertised maximum depth for the equipment, eg. a trace appearing at 50 metres may be in fact be 550 metres or even 1050 metres for equipment whose maximum depth is 500 metres. Erroneous depths caused by 2nd transmission error can usually be recognised by the following:
 - (a) the tracing being weaker than normal for the depth registered,
 - (b) the trace appearing to pass through the transmission line,
 - (c) the feathery nature of the trace.
6. Upon receipt of a hydrographic note, a Notice to Mariners may be issued. The sender's vessel or name is quoted as the source unless the same information is also received in foreign Notices to Mariners.
7. Reports of shoals, uncharted dangers and defects in aids to navigation may also be made to the appropriate Singapore Port Operations Control Centre on VHF Channels 10, 12, 14, 68 or 73.

HYDROGRAPHIC NOTE

To:

Chief Hydrographer
Maritime and Port Authority of Singapore
460 Alexandra Road PSA Building #20-00
Singapore 119963

Tel : (65) 6325 2027
Fax : (65) 6226 1076
Email : hydrographic@mpa.gov.sg

Sender's Contact Details :

Date :

Name of Vessel :

Address of Sender :

Tel : Fax :

Email :

Nature of Observation :

General Location :

Subject :

Position : Lat. Long.

Charts Used :

Date & Time of Observation :

Details :

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Attachment :

Equipment Used :

Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

Name and Signature :

Ship's/Company's Stamp :