



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.

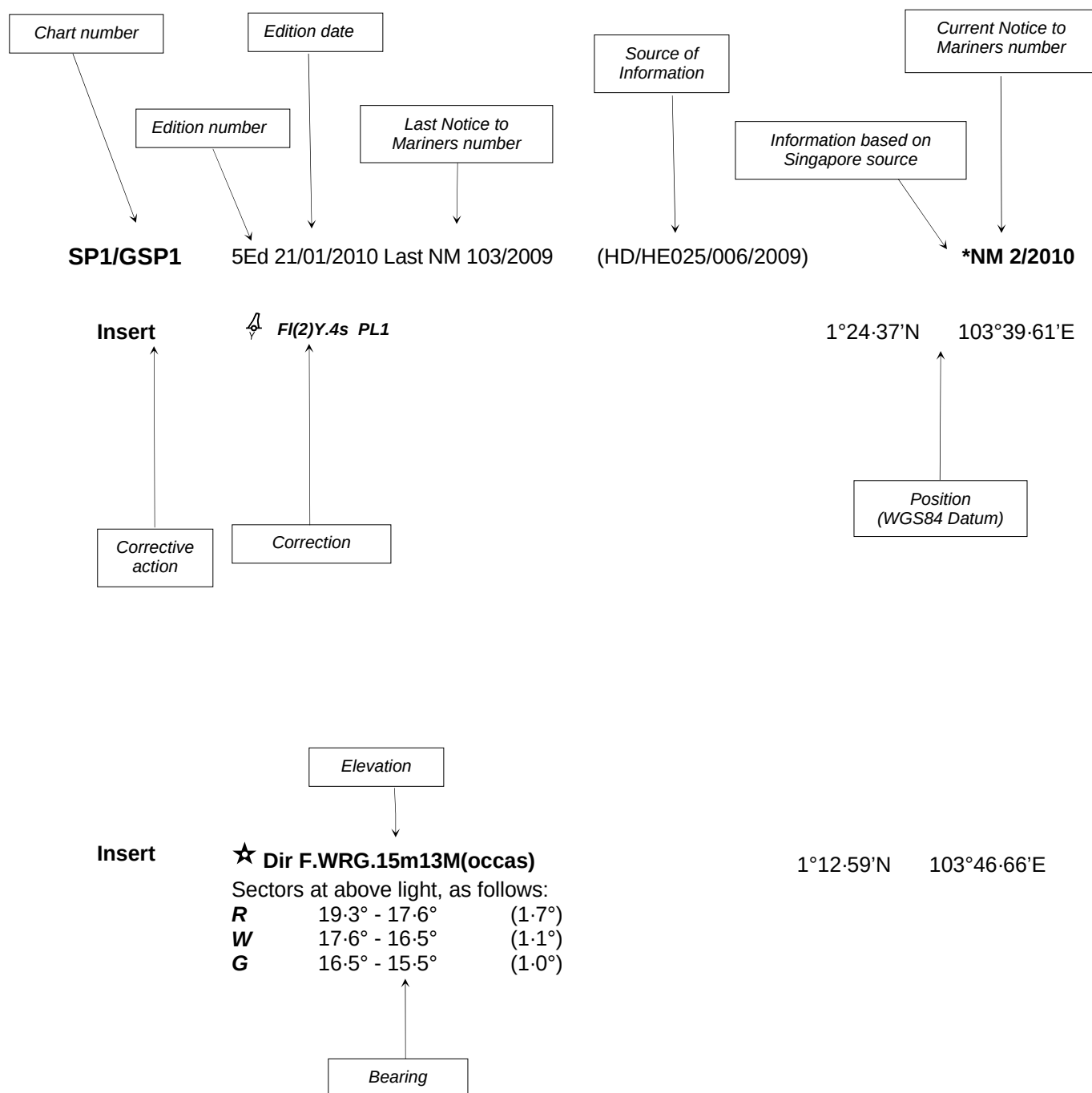
The monthly Singaporean Notices to Mariners can be accessed directly from the MPA website:
[http://www.mpa.gov.sg/sites/port_and_shipping/circulars_and_notices/singapore_notices_to_mariners\(ntm\).page](http://www.mpa.gov.sg/sites/port_and_shipping/circulars_and_notices/singapore_notices_to_mariners(ntm).page)

This service is offered free of charge.

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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 1T/2010).
P indicates a Preliminary Notice (eg. *NM 3P/2010).
- 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

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*Denotes information are based on Singaporean source.

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*Denotes information are based on Singaporean source.

INDEX OF CHARTS AND PUBLICATIONS

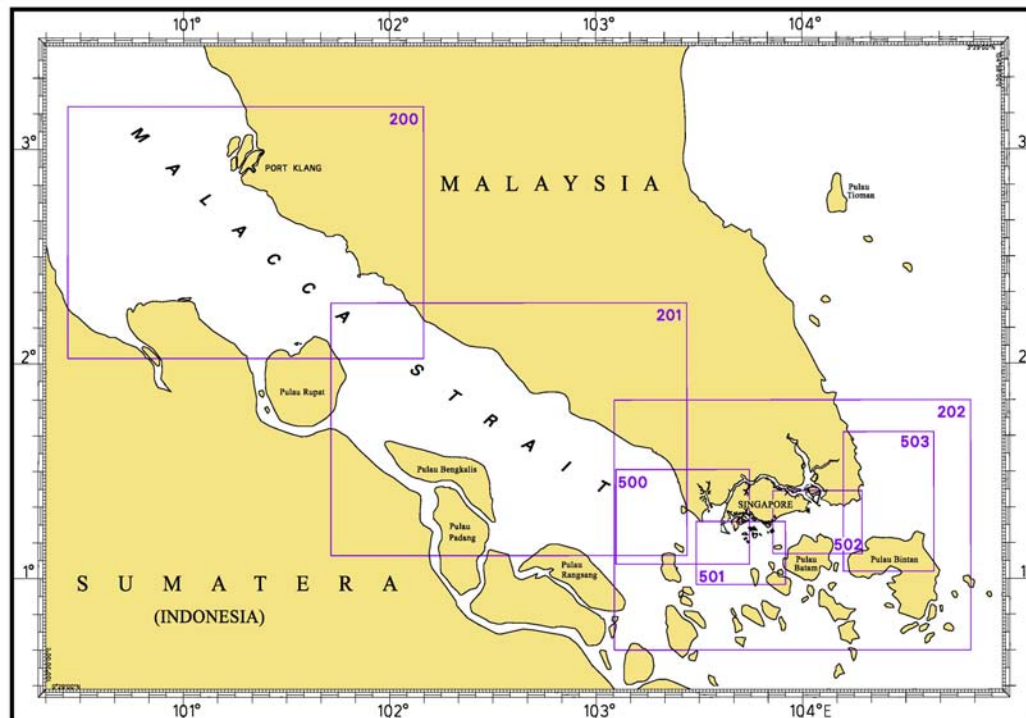
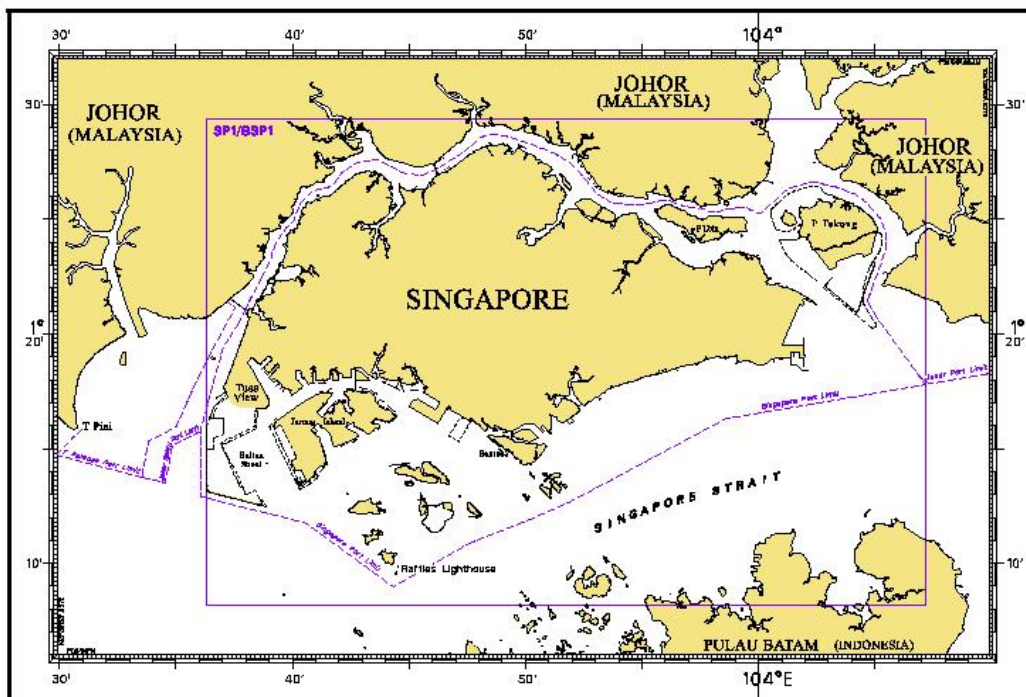
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* Denotes information are based on Singaporean source.

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INDEX OF SINGAPOREAN CHARTS



Notes:

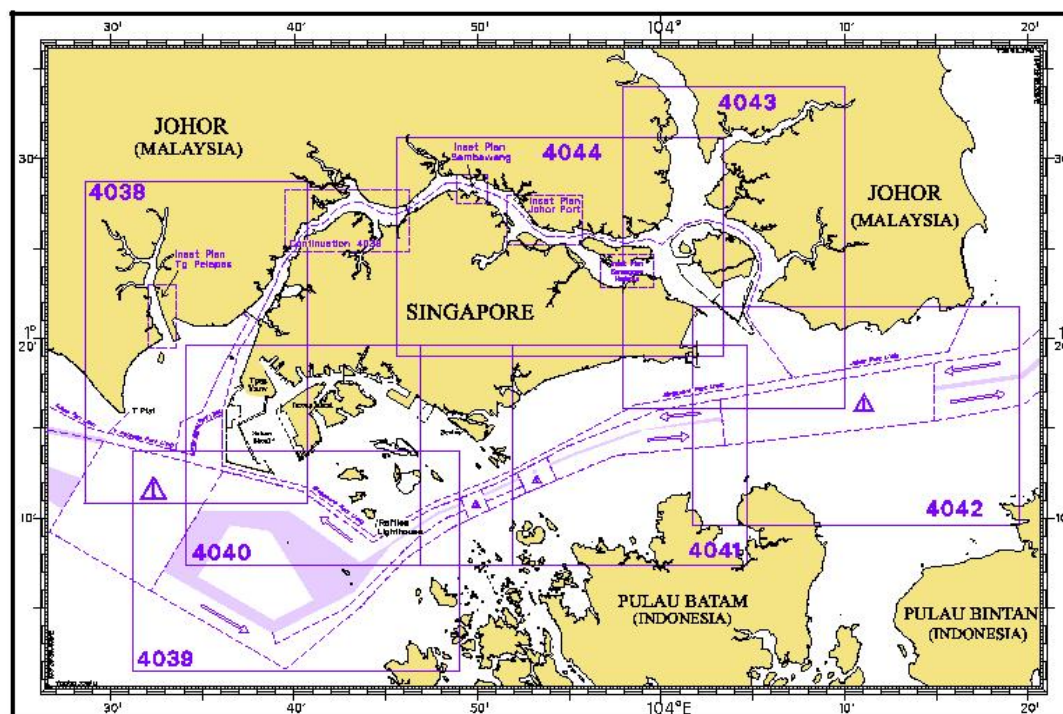
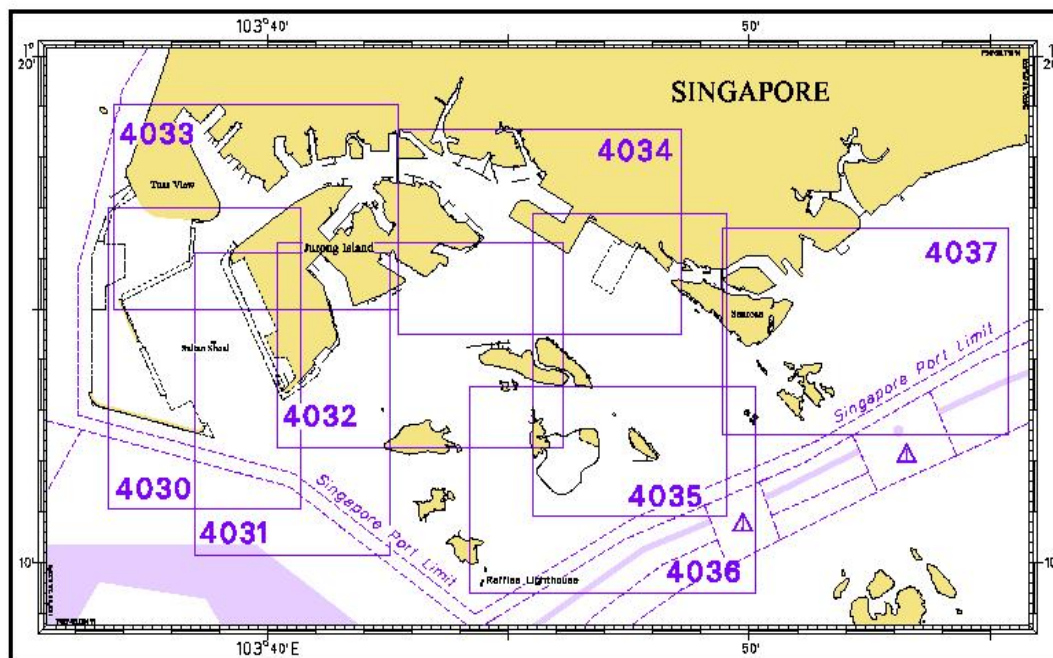
Updated SINGAPOREAN Charts are available through our Print-On-Demand (POD) Chart Service. For more information, refer to Section III – Navigational Information and these charts can be purchased from our authorised Chart Agents:

DPM (Singapore) Pte Ltd, E.W. Liner Charts & Publications Pte Ltd and Motion Smith.

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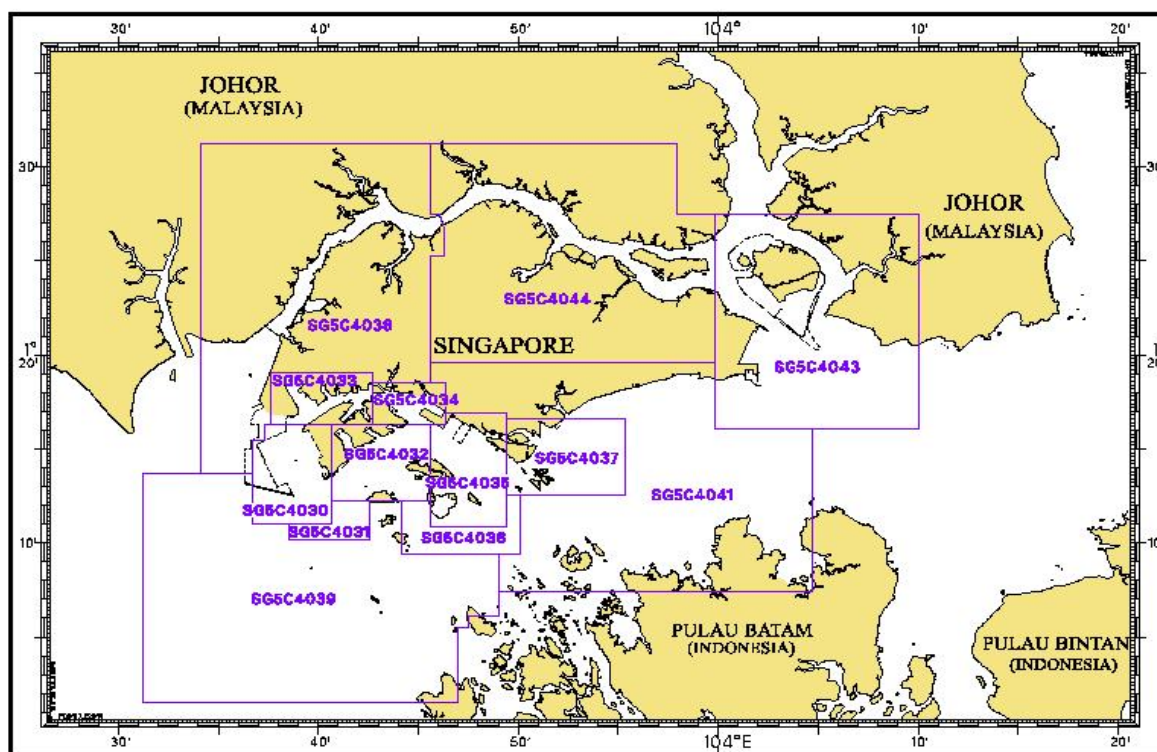
INDEX OF DUAL BADGED CHARTS



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INDEX OF CHARTS AND PUBLICATIONS

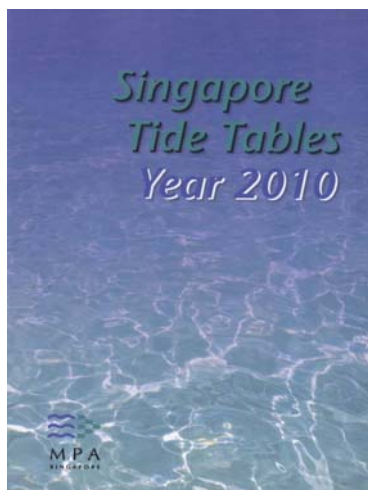
INDEX OF SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC)



INDEX OF SINGAPORE ENC

ENC Name	ENC Title	Latitude	Longitude
SG5C4030	West Jurong Anchorages and Temasek Fairway	1°11.050'N 1°16.300'N	103°36.700'E 103°40.640'E
SG5C4031	Western Approaches to Jurong Island	1°10.150'N 1°12.250'N	103°38.500'E 103°42.530'E
SG5C4032	Sinki Fairway	1°12.250'N 1°16.300'N	103°40.640'E 103°45.580'E
SG5C4033	Tuas Bay, West Jurong Channel and Pesek Basin	1°16.300'N 1°19.050'N	103°37.600'E 103°42.700'E
SG5C4034	East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway	1°16.300'N 1°18.550'N	103°42.700'E 103°46.356'E
SG5C4035	Western Anchorages, Jong Fairway and Cruise Bay	1°10.900'N 1°16.900'N	103°45.580'E 103°49.425'E
SG5C4036	Raffles Lighthouse to The Sisters	1°09.400'N 1°12.520'N	103°44.200'E 103°50.130'E
SG5C4037	Keppel Harbour, Tanjong Pagar Terminal and Approaches	1°12.520'N 1°16.590'N	103°49.425'E 103°55.340'E
SG5C4038	Johor Strait – Western Part	1°13.700'N 1°31.200'N	103°34.100'E 103°46.300'E
SG5C4039	Western Approaches to Main Strait	1°01.500'N 1°13.700'N	103°31.200'E 103°49.000'E
SG5C4041	Pulau Sebarok to Changi	1°07.400'N 1°19.600'N	103°45.600'E 103°04.700'E
SG5C4043	Kuala Johor and Sungai Johor	1°16.100'N 1°27.500'N	103°59.800'E 104°10.000'E
SG5C4044	Johor Strait – Eastern Part	1°19.600'N 1°31.200'N	103°45.600'E 103°59.800'E

II NEW PUBLICATIONS



SINGAPORE TIDE TABLES YEAR 2010

Summary of Publication

- (a) This 239-page book contains Tidal Height and Tidal Stream Predictions covering stations in Singapore Port Waters and selected stations along the Straits of Malacca and Singapore.

The predictions consist of 5 main segments to facilitate easy reference:

- High and Low Water Predictions
- Hourly Tidal Height Predictions
- Hourly Tidal Stream Predictions
- Maximum and Slack Tidal Stream Predictions
- Malacca Strait – High and Low Water Predictions

- (b) The presentation of the predictions is enhanced with colour codes so as to differentiate the various states of tidal heights, eg falling or rising tide and tidal stream directions. Moon phases, eg full and new moon, are also included in each calendar month to complement the prediction values.

- (c) The tidal heights are given in metres above Chart Datum (CD). The CD is the datum of soundings shown on the Singaporean Charts and Dual Badged Charts covering the area. A table showing the various tidal levels eg. Mean High Water Springs, Mean Low Water Springs etc, at various stations with reference to CD is also included in this publication.

To Whom Will It Be Useful?

Mariners, shipping community, port users and other interested users.

Frequency of Publication

Annually.

Cost of Publication

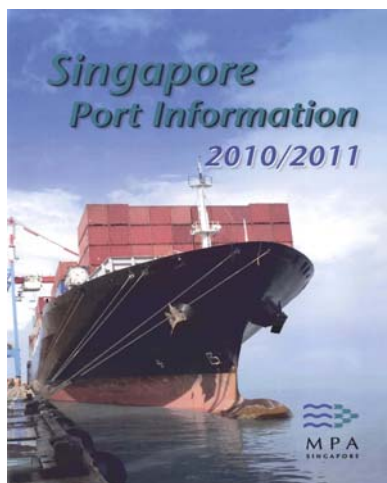
To be advised by Chart Agents.

Order Enquires:

This publication is available from the following Chart Agents:

- 1) DPM (Singapore) Pte Ltd
 - 2) E.W. Liner Charts & Publications Pte Ltd
 - 3) Motion Smith
- (Please refer to Page 70 for details.)

II NEW PUBLICATIONS



SINGAPORE PORT INFORMATION 2010/2011

Summary of Publication

This publication contains Port Information such as:

- 1) Routeing System in the Straits of Malacca and Singapore.
- 2) Guide to VHF Communication, Pilotage, and Navigational Channels – Controlling Depths.
- 3) List of Aids to Navigation.
- 4) Port Facilities – Wharves, Berths, Docks and Berth Operators' Information.
- 5) IALA Maritime Buoyage System.
- 6) Index and Chart Catalogue of Singaporean Charts and Dual Badged Charts.

To Whom Will It Be Useful?

Mariners, shipping community, port users and other interested users.

Frequency / Year of Publication

Once every 2 years.

Cost of Publication

To be advised by Chart Agents.

- 1) DPM (Singapore) Pte Ltd
 - 2) E.W. Liner Charts & Publications Pte Ltd
 - 3) Motion Smith
- (Please refer to Page 70 for details.)

II NEW PUBLICATIONS

NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 4TH MARCH 2010

Chart Number	:	4032
Title	:	Port of Singapore Sinki Fairway
Coverage	:	Lat 01° 12.25' N 01° 16.30' N Long 103° 40.20' E 103° 46.13' E
Scale	:	1: 10 000
Date Published	:	4 th March 2010
Size of Chart	:	1100.0 x 746.4 mm
Remarks	:	This new edition includes updated surveys covering these areas: • North and West of Pulau Bukom • Part of Banyan Basin • Sakra Basin • East Jurong Channel • Selat Pauh • Selat Sinki • Selat Pandan • Approaches to VLCC Jetties

The existing chart of the same number published on 22nd May 2008 is superseded.

Chart Number	:	4033
Title	:	Port of Singapore Tuas Bay, West Jurong Channel and Pesek Basin
Coverage	:	Lat 01° 15.00' N 01° 19.05' N Long 103° 36.80' E 103° 42.70' E
Scale	:	1: 10 000
Date Published	:	4 th March 2010
Size of Chart	:	1094.4 x 746.4mm
Remarks	:	This new edition includes updated surveys covering these areas: • Temasek Fairway • West Jurong Channel • Benoi Basin • Northern Tuas Basin • Gul Basin • Approaches to Tuas Prohibited area • East Samulun Basin

The existing chart of the same number published on 22nd May 2008 is superseded.

II NEW PUBLICATIONS

NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 25TH MARCH 2010

Chart Number	:	4030
Title	:	Port of Singapore – West Jurong Anchorages and Temasek Fairway
Coverage	:	Lat 01° 11.05' N 01° 17.00' N Long 103° 36.70' E 103° 40.70' E
Scale	:	1: 10 000
Date Published	:	25 th March 2010
Size of Chart	:	742.0 x 1096.5 mm
Remarks	:	This new edition includes updated surveys covering these areas: • Temasek Fairway • West Jurong Anchorages • West Jurong Channel • Sinki Fairway • Sultan Shoal Lighthouse

The existing chart of the same number published on 22nd May 2008 is superseded.

Chart Number	:	4031
Title	:	Port of Singapore – Western Approaches to Jurong Island
Coverage	:	Lat 01° 10.15' N 01° 16.12' N Long 103° 38.50' E 103° 42.53' E
Scale	:	1: 10 000
Date Published	:	25 th March 2010
Size of Chart	:	747.5 x 1100.2mm
Remarks	:	This new edition includes updated surveys covering these areas: • Temasek Fairway • Sultan Shoal Lighthouse • Sinki Fairway • Raffles Shoal

The existing chart of the same number published on 22nd May 2008 is superseded.

II NEW PUBLICATIONS

NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 8th April 2010

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	:	8 th April 2010
Size of Chart	:	1094.3 x 746.3 mm
Remarks	:	This new edition includes updated surveys covering these areas: • Berths P16/17 • East Jurong Channel • Approaches to Pasir Panjang Ferry Terminal

The existing chart of the same number published on 8th Oct 2009 is 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	:	8 th April 2010
Size of Chart	:	749.4 x 1105.7mm
Remarks	:	This new edition includes updated surveys covering these areas: • Approaches to Pasir Panjang Ferry Terminal • Shell SBM Area • East Jurong Channel

The existing chart of the same number published on 8th Oct 2009 is superseded.

II NOTICES TO MARINERS AND CHART CORRECTIONS

SP1/GSP1	5Ed 21/01/10	(HD/HY/M00104309)	*NM 19/2010
Insert	#		1°28-46'N 103°48-63'E

		(Port Marine Notice No. 11/2010)	*NM 20/2010
Insert	pecked line working limit joining		1°15-46'N 103°47-52'E 1°15-72'N 103°47-67'E 1°16-15'N 103°47-66'E

Move	 FI.R.8s PKHV3 from: to:	1°16-00'N 103°47-57'E 1°15-96'N 103°47-66'E	
	 FI.R.2s PKHV7 from: to:	1°15-79'N 103°47-67'E 1°15-72'N 103°47-67'E	

Delete	pecked line working limit joining	1°15-46'N 103°47-52'E 1°15-52'N 103°47-42'E 1°15-73'N 103°47-54'E 1°15-69'N 103°47-61'E 1°15-79'N 103°47-67'E 1°15-86'N 103°47-55'E 1°16-00'N 103°47-57'E 1°16-15'N 103°47-66'E	
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		(HD/HE025/13/2010)	*NM 21/2010
Substitute	 FI.Y.10s TSS 5 for  FI.Y.10s TSS 5	1°15-63'N	103°45-41'E

200	2Ed 30/11/05 Last NM 11/2010	(Peninsular Malaysia Marine Dept. Notice 6/2010)	NM 22/2010
Substitute	light character FI.R.10s for <i>FI.R.5s</i>	2°51-39'N	101°15-08'E

202	6Ed 24/09/09 Last NM 12/2010	(HD/DB67/002/2010)	*NM 23/2010
Insert	 Wk Rep PA	1°26-00'N	104°38-50'E

II TEMPORARY AND PRELIMINARY NOTICES

(NM 24T/2010) SUBMARINE CABLE REPAIR WORK – SINGAPORE STRAIT

Remark : Repair of submarine cable, APCN System 2, Segment B11 Repair Operation No. 14.

Date : With effect from 9th February 2010 to 9th March 2010.

1. Cable repairs are in progress within the working area bounded by the following positions (WGS84).

1°19-94'N	104°16-83'E
1°20-25'N	104°18-88'E
1°19-70'N	104°18-88'E
1°19-42'N	104°16-95'E

2. Charts affected : 202, 502 and 503
4042

3. Mariners are advised to keep a lookout and give a wide berth.

Source : Peninsular Malaysia Marine Department Notice to Mariners No. 7T/2010.

(NM 25P/2010) MALACCA STRAIT – Selat Bulan to Selat Rupert – Submarine cable.

1. The Moratelindo Batam to Damai (MBDC) submarine cable has been laid joining the following positions (WGS84 Datum):

Latitude	Longitude
1°08-46'N	103°55-51'E (shore)
1°09-02'N	103°55-64'E
1°09-67'N	103°55-22'E
1°10-12'N	103°54-55'E
1°10-65'N	103°53-34'E
1°10-19'N	103°51-70'E
1°09-43'N	103°51-01'E
1°09-30'N	103°49-95'E
1°08-58'N	103°48-90'E
1°08-20'N	103°48-61'E
1°07-99'N	103°48-29'E
1°07-68'N	103°46-99'E
1°07-05'N	103°46-17'E
1°06-53'N	103°46-05'E
1°05-71'N	103°45-33'E
1°03-10'N	103°42-55'E
1°01-67'N	103°40-61'E
1°01-23'N	103°39-61'E
1°01-39'N	103°38-53'E
1°08-77'N	103°25-16'E
1°10-20'N	103°23-20'E
1°13-55'N	103°06-76'E
1°14-85'N	103°02-84'E
1°30-16'N	102°41-14'E
1°37-95'N	102°24-25'E
1°44-02'N	102°15-33'E
1°43-78'N	102°13-24'E
1°44-44'N	102°09-26'E
1°44-58'N	102°02-27'E
1°45-02'N	102°00-73'E
1°47-83'N	101°56-45'E

II TEMPORARY AND PRELIMINARY NOTICES

(NM 25P/2010) MALACCA STRAIT – Selat Bulan to Selat Rupert – Submarine cable. (continued)

Latitude	Longitude
1°48.08'N	101°53.88'E
1°44.69'N	101°52.49'E
1°38.74'N	101°53.85'E
1°35.78'N	101°54.96'E
1°35.53'N	101°54.87'E
1°35.41'N	101°54.12'E
1°40.61'N	101°47.23'E
1°41.84'N	101°43.97'E
1°41.82'N	101°41.55'E
1°39.70'N	101°33.73'E
1°39.19'N	101°33.20'E
1°38.66'N	101°32.44'E (shore)

2. To simplify this notice as much as possible, only a minimum selection of geographical positions have been listed. Therefore, mariners are advised not to anchor or trawl within at least 0.5 miles of the general course of the submarine cable.
3. This update will be included in the next New Editions of the appropriate charts.
4. Charts affected : 201, 202, 500, 501 and 502
4039, 4040 and 4041

Source: Admiralty Notice to Mariners No. 6/629(P)/2010

*(NM 26P/2010) AAG SUBMARINE CABLE – SINGAPORE (CHANGI FERRY TERMINAL) TO SINGAPORE STRAIT EASTWARDS

1. The Asia America Gateway (AAG) submarine cable has been laid joining the following positions (WGS84 Datum):

Latitude	Longitude
1°22.32'N	104°00.36'E (shore)
1°22.28'N	104°00.70'E
1°22.33'N	104°00.77'E
1°22.31'N	104°01.65'E
1°18.88'N	104°05.71'E
1°17.55'N	104°06.62'E
1°17.29'N	104°06.90'E
1°17.19'N	104°07.05'E
1°16.96'N	104°07.68'E
1°16.94'N	104°07.86'E
1°17.09'N	104°09.00'E
1°17.24'N	104°09.53'E
1°16.92'N	104°09.85'E
1°16.72'N	104°09.78'E
1°16.68'N	104°09.95'E
1°16.02'N	104°10.39'E
1°15.83'N	104°11.12'E
1°15.62'N	104°11.71'E
1°15.13'N	104°11.97'E
1°15.27'N	104°13.30'E
1°15.45'N	104°14.89'E
1°15.92'N	104°17.54'E

II TEMPORARY AND PRELIMINARY NOTICES

***(NM 26P/2010) AAG SUBMARINE CABLE – SINGAPORE (CHANGI FERRY TERMINAL) TO SINGAPORE STRAIT EASTWARDS (continued)**

Latitude	Longitude
1°16.74'N	104°19.00'E
1°16.59'N	104°19.21'E
1°17.51'N	104°21.00'E
1°17.74'N	104°21.24'E
1°18.50'N	104°21.65'E
1°20.00'N	104°23.00'E
1°21.67'N	104°25.07'E
1°23.20'N	104°25.07'E
1°24.12'N	104°25.99'E
1°26.64'N	104°29.06'E
1°27.63'N	104°29.47'E
1°29.66'N	104°31.76'E
1°30.78'N	104°32.63'E
1°31.66'N	104°33.06'E
1°34.13'N	104°33.36'E
1°50.00'N	104°37.58'E (chart border)

2. To simplify this notice as much as possible, only a minimum selection of geographical positions have been listed.
3. This update will be included in the next New Editions of the appropriate charts.
4. Charts affected : GSP1/SP1, 202, 502, and 503
4041, 4042, 4043 and 4044

Source: HD/DB67/004/2010

***(NM 27P/2010) APCN SUBMARINE CABLE – SINGAPORE (TANAH MERAH) TO SINGAPORE STRAIT EASTWARDS**

1. The Asia Pacific Cable Network (APCN) Segment B11 submarine cable has been laid joining the following positions (WGS84 Datum):

Latitude	Longitude
1°18.94'N	103°58.61'E (shore)
1°18.92'N	103°58.63'E
1°18.85'N	103°58.63'E
1°18.60'N	103°58.71'E
1°18.44'N	103°59.33'E
1°18.38'N	104°00.10'E
1°16.91'N	104°02.49'E
1°16.86'N	104°02.65'E
1°16.93'N	104°02.90'E
1°17.00'N	104°03.00'E
1°17.55'N	104°07.80'E
1°18.48'N	104°10.36'E
1°18.95'N	104°13.68'E
1°18.96'N	104°13.94'E
1°19.22'N	104°14.55'E
1°19.39'N	104°15.47'E
1°19.48'N	104°15.50'E
1°19.41'N	104°15.57'E

II TEMPORARY AND PRELIMINARY NOTICES

***(NM 27P/2010) APCN SUBMARINE CABLE – SINGAPORE (TANAH MERAH) TO SINGAPORE STRAIT EASTWARDS
(continued)**

Latitude	Longitude
1°19.49'N	104°16.05'E
1°19.44'N	104°16.25'E
1°19.60'N	104°16.63'E
1°19.92'N	104°18.59'E
1°20.02'N	104°18.64'E
1°19.94'N	104°18.75'E
1°19.98'N	104°18.89'E
1°20.27'N	104°19.31'E
1°20.25'N	104°19.39'E
1°20.36'N	104°19.36'E
1°21.92'N	104°21.15'E
1°21.99'N	104°21.14'E
1°21.95'N	104°21.18'E
1°22.29'N	104°21.74'E
1°22.42'N	104°22.09'E
1°22.52'N	104°22.22'E
1°22.33'N	104°22.49'E
1°23.56'N	104°24.22'E
1°29.02'N	104°30.74'E
1°31.31'N	104°32.48'E
1°48.30'N	104°35.32'E
1°50.00'N	104°35.60'E (chart border)

2. To simplify this notice as much as possible, only a minimum selection of geographical positions have been listed.
3. This update will be included in the next New Editions of the appropriate charts.
4. Charts affected : GSP1/SP1, 202, 502, and 503
4041, 4042 and 4043

Source: HD/DB67/005/2010

III NAVIGATIONAL INFORMATION

*(NM 28/2010) PORT MARINE NOTICES

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

These notices can be accessed directly from MPA website:

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

PMN No.	Subject
6/2010	Ferry route between West Coast ECC Jetty (WCECC) and Pulau Ular Ferry Terminal (PUFT).
7/2010	Marine construction works off Marina Barrage.
10/2010	Dredging operations at Banyan Basin (Selat Banyan West Jetty).
11/2010	Reclamation at Pasir Panjang Terminal and Pasir Panjang Wharves.
12/2010	Construction of physical barrier off PCG Base (Lim Chu Kang).
21/2010	Reclamation at Ayer Chawan Basin, Jurong Island.

*(NM 29/2010) 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) charting 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 SP1/GSP1, 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.

III AMENDMENTS TO PUBLICATIONS

*(NM 30/2010) UPDATING OF PUBLICATION "SINGAPORE PORT INFORMATION 2010/2011"

1. Page 96

DEPTHS OF NAVIGATIONAL CHANNELS AND FAIRWAYS

Insert the following :

LOCATIONS		DEPTHS (m)	REMARKS
Sinki Fairway	Selat Sinki (dredged channel)	18.0	Note: A high spot of 11.4m exists approximately 200.2° x 616m from Pandan Beacon.
	Selat Pandan	15.0	Note: A high spot of 14.8m exists approximately 291.2° x 469m from Pandan Beacon.
East Jurong Fairway	Deep water Channel	16.4	Note: 14.9m high spot off Seraya Buoy.
	Out bound channel	12.8	-

Source : Master Berth List

2. Page 99 – Appendix 1

VERTICAL AND SAFE OVERHEAD CLEARANCES UNDER BRIDGES AND AERIAL CABLEWAY

NAME OF BRIDGE/ AERIAL CABLEWAY		
Delete		Insert
(1)	SUNGEI JURONG BRIDGE at Jalan Buroh	JALAN BUROH BRIDGE
(3)	WEST JOHOR STRAIT Bridge Connecting Singapore and Johor (2 nd Crossing)	WEST JOHOR STRAIT Bridge Connecting Singapore and Johor (SECOND LINK)

Source : HD/DB67/003/2010

3. Page 139 – Item 2

Insert the following :

WHARVES AND BERTHS

KEPPEL TERMINAL (PSA SINGAPORE TERMINALS) (1°16.0'N, 103°50.0'E)

Berth	Length of Berth		Depth Alongside (Year Surveyed)	
	Delete	Insert	Delete	Insert
K14	310m	295m	12.5m (2002)	15.5m (2010)

Source: Berth List (HD/HY Code B00100710)

III AMENDMENTS TO PUBLICATIONS

4. Page 148 – Item 16

JURONG ISLAND (EXXONMOBIL ASIA PACIFIC PTE LTD) (1°16.8'N, 103°41.5'E)

Berth	Length of Berth		Depth Alongside (Year Surveyed)	
	Delete	Insert	Delete	Insert
Barge Wharf (Uploading)	100m	252m	5.0m (2009)	5.8m (2010)

Source : Berth List (HD/HY Code E00100810)

5. Page 161 – Item 6

Insert the following :

DOCKS AND REPAIR BERTHS

TANJONG GUL - KEPPEL FELS LTD (PIONEER YARD) (1°17.2'N, 103°40.0'E)

Mooring Quay	Length of Berth		Depth Alongside (Year Surveyed)	
	Delete	Insert	Delete	Insert
Quay 3	132.0m	105m	5.0m (1983)	3.0m (2009)
Finger Pier 1	-	150m	-	7.8m (2009)
Finger Pier 2	-	150m	-	7.9m (2009)
Finger Pier 3	-	150m	-	7.7m (2009)
Finger Pier 4	-	150m	-	5.2m (2009)

Source : Berth List (HD/HY Code J00104009)

6. Page 165 – Item 14

TUAS – (DRYDOCKS WORLD - SINGAPORE PTE LTD) (1°18.6'N, 103°38.5'E)

Insert the following :

Floating Docks	
Delete	Insert
DOCK I	Dock 1
DOCK II	Dock 2
DOCK III	Dock 3

Wharves	
Delete	Insert
140 M Pier (East)	Finger Jetty (East)
140 M Pier (West)	Finger Jetty (West)

Source : Drydocks World – Singapore Pte Ltd

IV
REPRINT OF RADIO NAVIGATIONAL WARNINGS

TT173

VESSELS IN EAST JOHOR STRAIT ARE ADVISED TO NAVIGATE WITH CAUTION WHEN NEAR THE PROJECT AREAS OFF PULAU TEKONG, PULAU SERANGOON, 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.

TT619 (AMENDED ON 270430z)

DREDGER QUEEN OF PENTA OCEAN IS CONDUCTING DREDGING OPERATIONS IN POSITIONS BOUNDED BY COORDINATES:

01°15.827' N 103°57.737' E

01°14.865' N 103°58.134' E

01°13.298' N 103°54.401' E

01°13.884' N 103°54.131' E

VESSELS ARE ADVISED TO PROCEED AT SAFE SPEED AND TO GIVE A WIDE BERTH.

TT753

A SMALL WOODEN CARGO BOAT 10M IN LENGTH SUNK AT 01°15.73'N 103°32.1'E.

TT851(AMENDED 080600UTC)

DREDGER QUEEN OF PENTA OCEAN IS CARRYING OUT DREDGING OPERATIONS FROM SINGAPORE PORT LIMITS INTO THE WESTBOUND LANE OF TSS OFF PEBGB. ALL VESSELS ARE ADVISED TO KEEP A LOOK OUT AND GIVE A WIDE BERTH.

TT854

DANGER TO NAVIGATION

A VESSEL HAD SUNK IN POSITION 01°26.3'N 104°38.5'E.

TT860

CABLE SHIP 'TYCOM DURABLE' IS CONDUCTING SUBMARINE CABLE REPAIR OPERATIONS AT POSITION BOUNDED BY COORDINATES:

01°25.24' N 104°25.29' E

01°27.9107' N 104°27.9121' E

01°22.6968' N 104°22.5732' E

01°22.90' N 104°24.29' E

VESSELS IN THE VICINITY ARE ADVISED TO KEEP A LOOKOUT AND GIVE A WIDE BERTH.

SR154

IT WAS REPORTED THAT AN UNIDENTIFIED VESSEL HAD SUNK AT SOUTHWEST OF HORSBURGH POSITION 01°16.12' N 104°21.5' E. VESSELS IN THE VICINITY ARE REQUESTED TO KEEP A LOOKOUT AND REPORT ANY SIGHTING TO POCC.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE
(as at 21st February 2010)

V
**REPRINT OF ADMIRALTY NOTICES TO MARINERS
 FOR DUAL BADGED CHARTS**

These notices can be accessed directly from UKHO Website:

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

665* SINGAPORE – Keppel Harbour, Tanjong Pagar Terminal and Johor Strait, Tuas View North-westwards-Buoy. Depths.

Source: Maritime and Port Authority of Singapore

Chart 4037 [*previous update 277/2010*] WGS84 DATUM

Insert

depth ~~14~~₈ enclosed by 15m contour

1° 15'·666N., 103° 50'·973E.

depth ~~12~~₄

1° 15'·915N., 103° 50'·746E.

Chart 4038 [*previous update 4582/2009*] WGS84 DATUM

Move

 *Fl.Y.4s* TMSI 1, from:
to:

1° 18'· 27N., 103° 37'·05E.

1° 18'· 08N., 103° 36'·94E.

Chart 4040 [*previous update 6932/2009*] WGS84 DATUM

Move

 *Fl.Y.4s* TMSI 1, from:
to:

1° 18'· 27N., 103° 37'·05E.

1° 18'· 08N., 103° 36'·94E.

Updated to Admiralty Notices to Mariners Edition No. 8 of 2010 dated 25th February 2010.

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United Kingdom Hydrographic Office	Admiralty Way, Taunton, Somerset TA1 2DN United Kingdom	Tel. No.: +44 (0)1823 337900 Fax No.: +44 (0)1823 284077 Emails: vargroup@ukho.gov.uk & christine.trickett@ukho.gov.uk Website: http://www.ukho.gov.uk

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Internet Web Site : <http://www.ewliner.com>

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Telephone : (65) 6220 5098
: (After office hours: 8163 9993)
Fax No. : (65) 6225 4902
E-mail : sales@motsmith.com
Internet Web Site : <http://www.motsmith.com>

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. An acknowledgement of receipt will be sent. When a Notice to Mariners is 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
Hydrographic Department
Maritime and Port Authority of Singapore
460 Alexandra Road PSA Building #20-00
Singapore 119963

Tel : (65) 6375 1227
Fax : (65) 6278 7646
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 :

.....

.....

Attachment :

Equipment Used :

Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

Name and Signature :

Ship's/Company's stamp :