



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/> > Circulars & Notices > Singaporean NTM

or

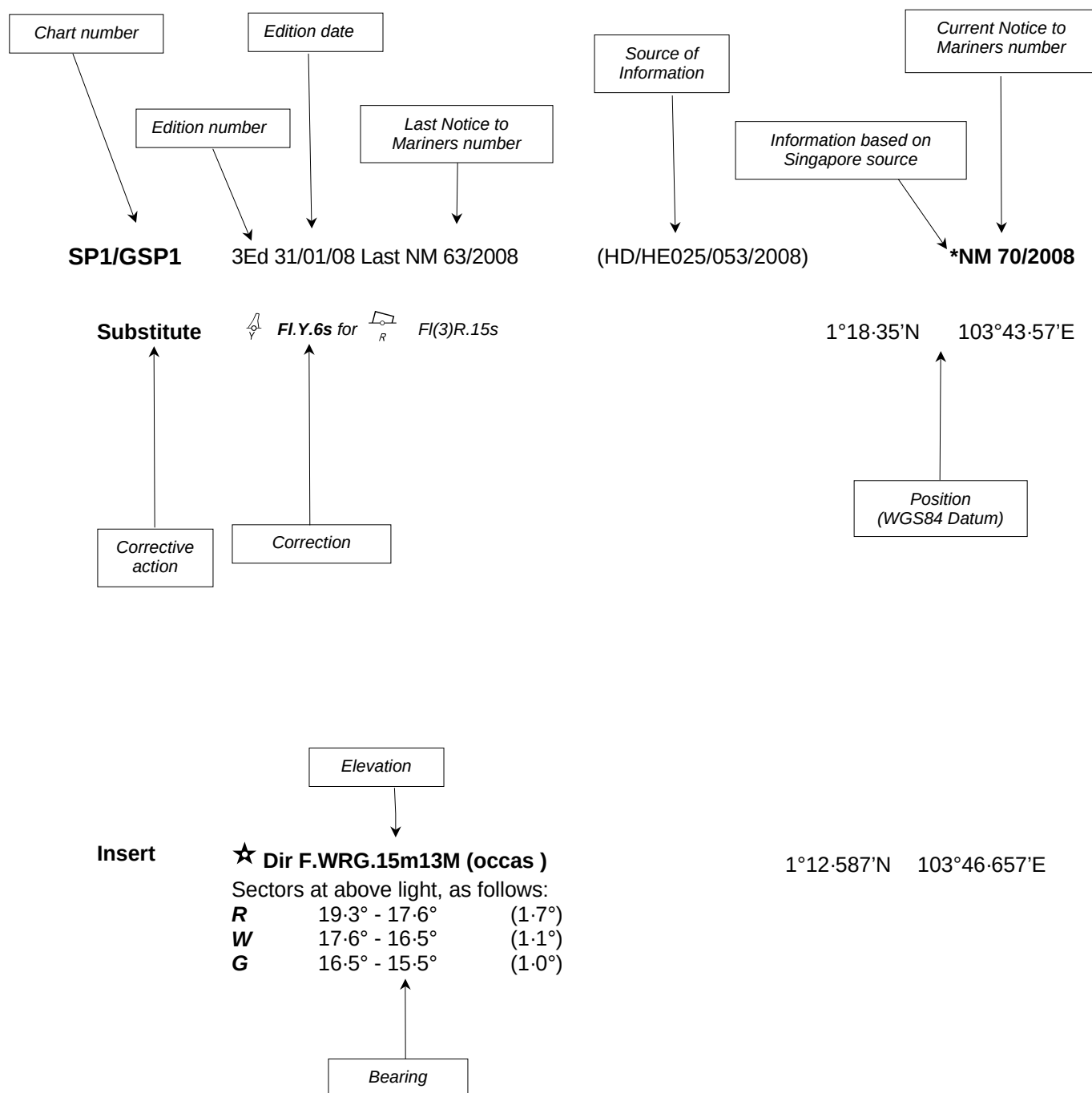
<http://www.mpa.gov.sg/infocentre/publications/noticesmari.htm>

This service is offered free of charge.

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Maritime and Port Authority of Singapore
460 Alexandra Road
PSA Building #20-00
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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 80T/2008**).
 - P** indicates a Preliminary Notice (eg. ***NM 80P/2008**).
- Bearings are referred to True Compass in degrees clockwise from 000° to 359°. Bearings related to lights are from seaward.
- Heights and elevations are above Mean High Water Springs.

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INDEX OF CHARTS AND PUBLICATIONS

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* Denotes information are based on Singapore source.

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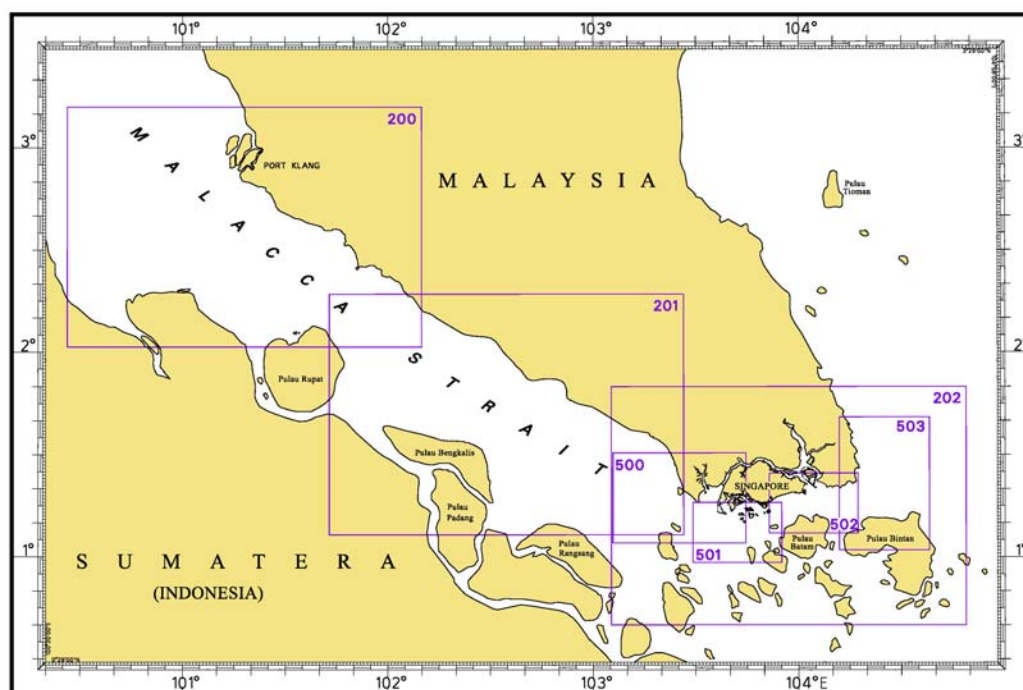
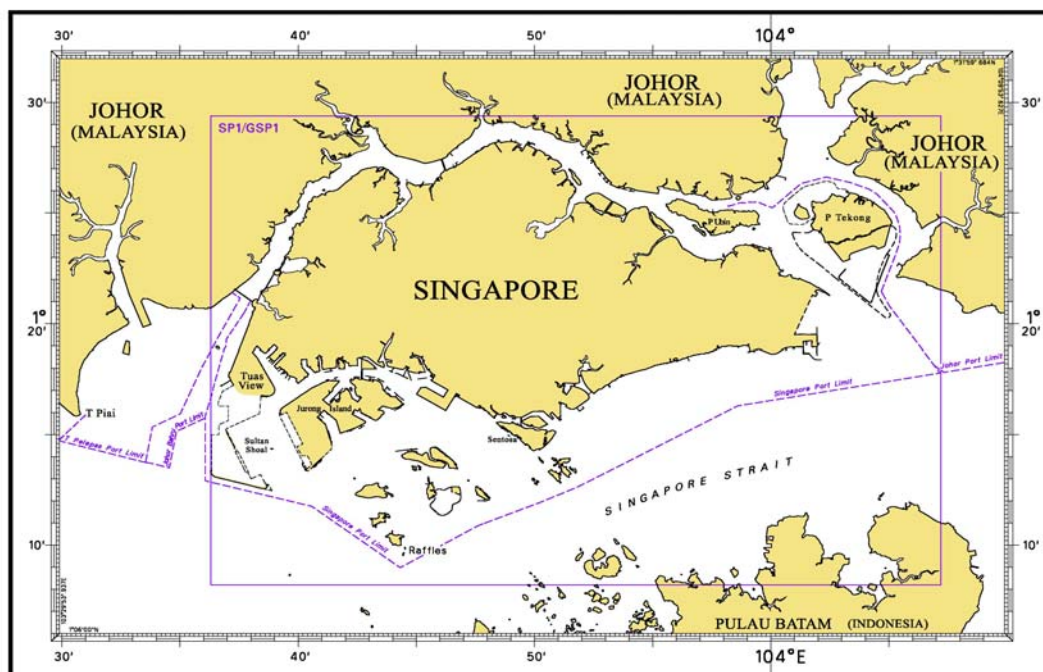
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* Denotes information are based on Singapore source.

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INDEX OF CHARTS AND PUBLICATIONS

INDEX OF SINGAPOREAN CHARTS



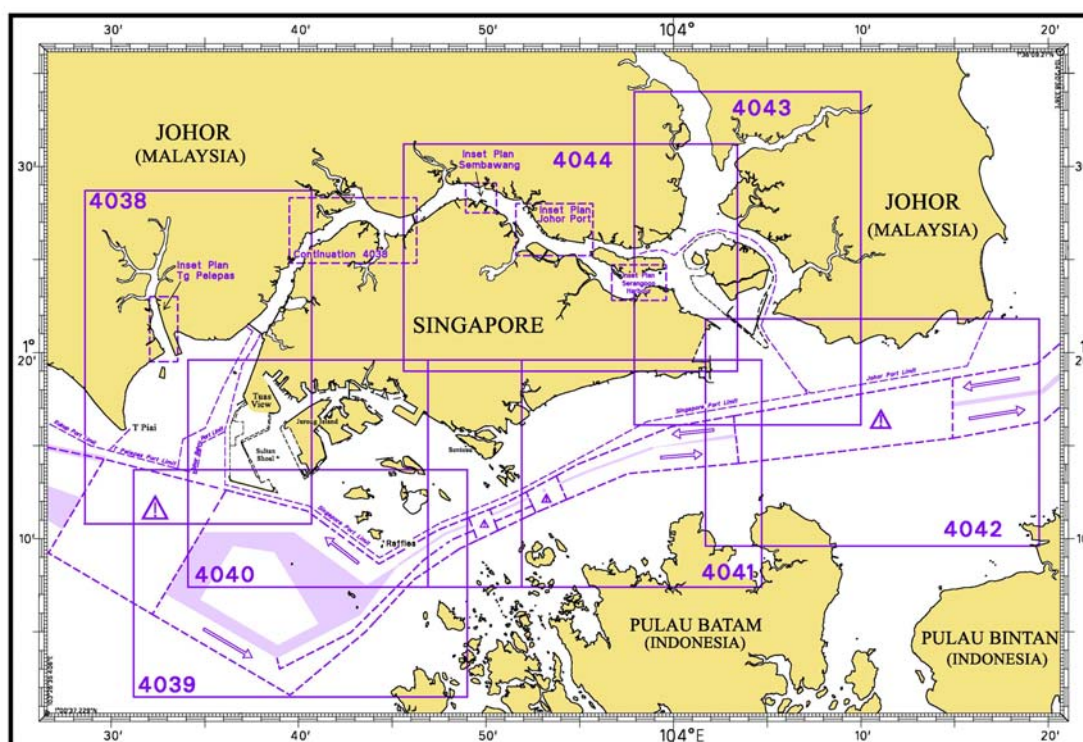
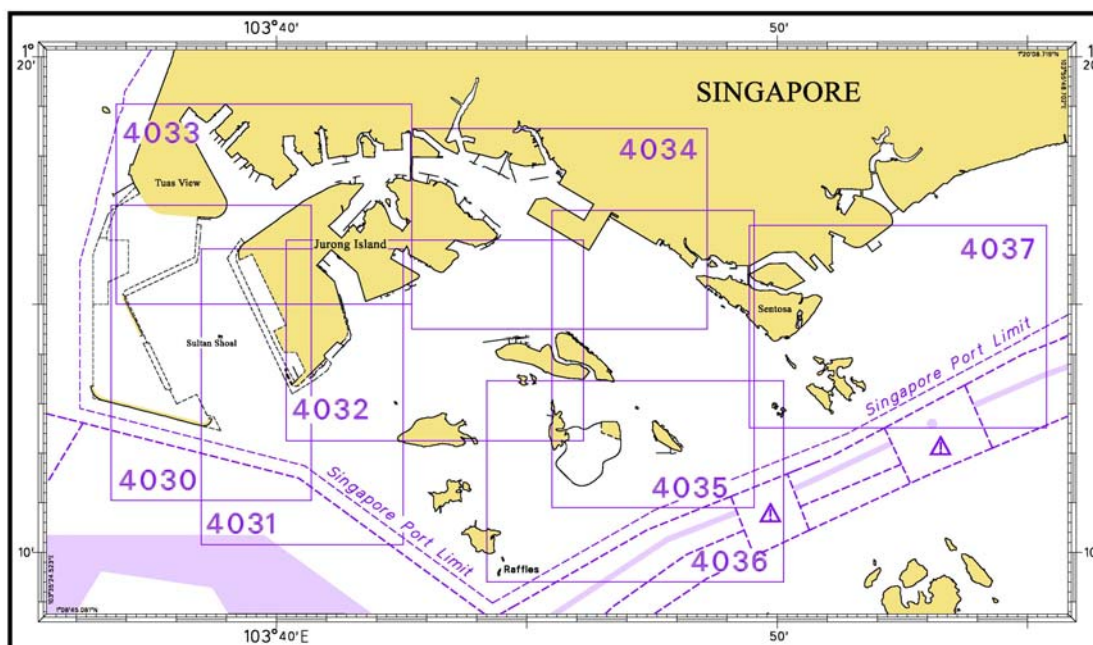
Notes:

Updated SINGAPOREAN Charts (excluding Charts SP1/GSP1) 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 CHARTS AND PUBLICATIONS

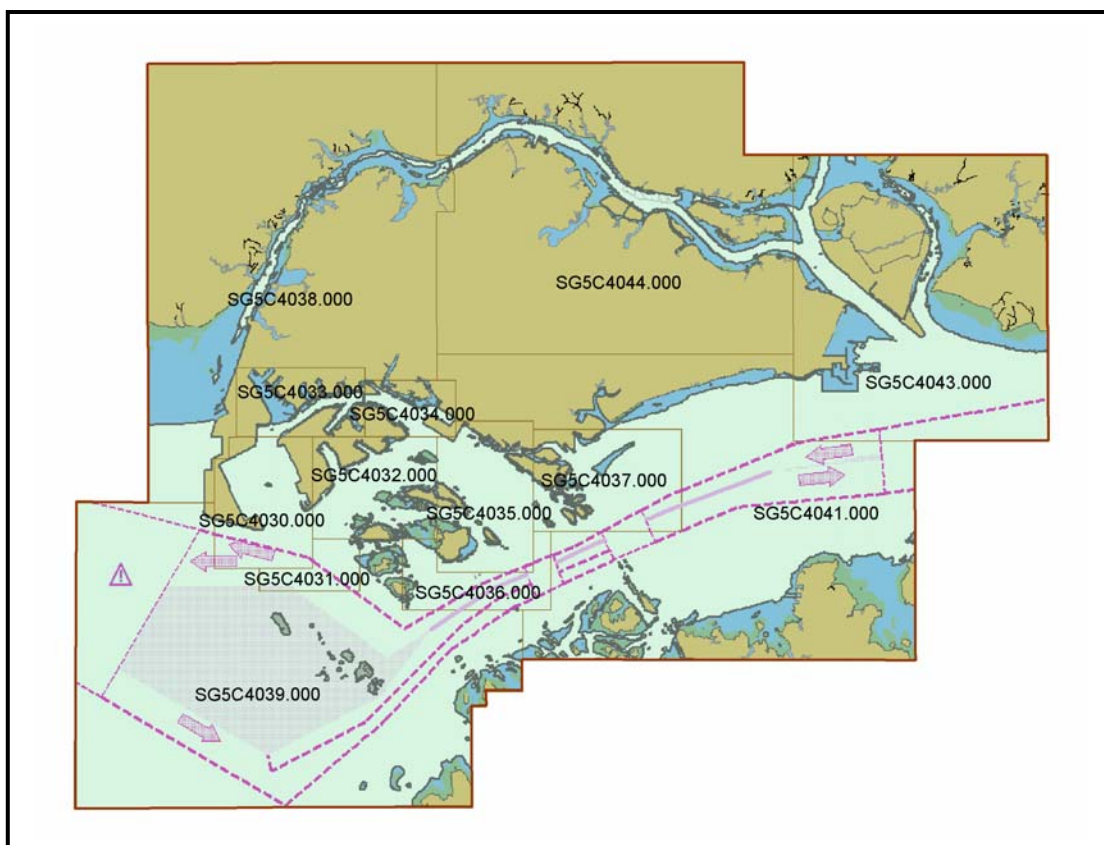
INDEX OF DUAL BADGED CHARTS



I

INDEX OF CHARTS AND PUBLICATIONS

INDEX OF SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC)



II NEW PUBLICATIONS



SINGAPORE TIDE TABLES YEAR 2009 PUBLISHED ON 22nd SEPTEMBER 2008

Summary of Publication

- (a) This 239 page book contains the following information:
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
- The predictions cover stations in Singapore and selected stations along the Malacca Strait.
- (b) As in earlier publications, 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 227 for details.)

II NEW PUBLICATIONS

NEW EDITION SINGAPOREAN CHARTS PUBLISHED ON 25 SEPTEMBER 2008

Chart No. : 502
Title : Singapore Strait - Eastern Part
Coverage : Lat 1° 07'00"N 1° 24'61' N
 Long 103° 51'43'E 104° 17'31'E
Scale : 1: 50 000 (WGS84 Datum)
Date Published : 25 September 2008
Size of chart : 960.0 x 649.2 mm
Remarks : This new edition includes new submarine cables and updated surveys covering :

- Eastern Anchorage
- Eastern Bunkering Anchorages
- Eastern Special Purposes D Anchorage
- Changi General Purposes Anchorage
- Man-of-War Anchorage
- Eastern Fairway
- East Keppel Fairway
- Area South of Pulau Tekong
- Cable Corridor Area off Tanah Merah Ferry Terminal

This new edition supersedes the earlier edition published on 25 October 2005.

Chart No. : 503
Title : Eastern Approaches And Entrance To Singapore Strait
Coverage : Lat 1° 02'00"N 1° 41'06' N
 Long 104° 11'89'E 104° 38'17'E
Scale : 1: 75 000 (WGS84 Datum)
Date Published : 25 September 2008
Size of chart : 649.9 x 960.0 mm
Remarks : This new edition includes new submarine cables.

This new edition supersedes the earlier edition published on 15 September 2004.

II NOTICES TO MARINERS AND CHART CORRECTIONS

SP1/GSP1	3Ed 31/01/08 Last 124/2008	(HD/HE025/130/2008)	*NM 131/2008
Delete	 <i>Fl.Y.2s</i> PKHDB-16	1°13-08'N	103°36-29'E
Relocate	 <i>VQ(9)10s</i> PKHDB-16A, from to	1°13-13'N 1°13-08'N	103°36-07'E 103°36-29'E
	(Admiralty Notices 39/5207/2008)		NM 132/2008
Insert	 <i>Fl(2)G.10s</i>  , close S of :	(a) 1°23-84'N	104°05-64'E
		(a) above	
202	5Ed 19/10/06 Last 127/2008	(Admiralty Notices 37/5028/2008)	NM 133/2008
Insert	 <i>PA</i>	1°07-70'N	103°35-00'E
500	5Ed 30/08/07 Last 113/2008	(HD/HE025/130/2008)	*NM 131/2008
Delete	 <i>Fl.Y</i>	1°13-08'N	103°36-29'E
Relocate	 <i>VQ(9)</i> , from to	1°13-13'N 1°13-08'N	103°36-07'E 103°36-29'E
	(Admiralty Notices 37/5028/2008)		NM 133/2008
Insert	 <i>PA</i>	1°07-70'N	103°35-00'E
501	4Ed 21/09/06 Last 121/2008	(HD/HE025/130/2008)	*NM 131/2008
Delete	 <i>Fl.Y.2s</i>	1°13-08'N	103°36-29'E
Relocate	 <i>VQ(9)10s</i> , from to	1°13-13'N 1°13-08'N	103°36-07'E 103°36-29'E
	(Admiralty Notices 37/5028/2008)		NM 133/2008
Insert	 <i>PA</i>	1°07-70'N	103°35-00'E
	(DB/67/030/2008)		*NM 134/2008
Insert	The accompany block, centred at	1°14-02'N	103°45-50'E

II TEMPORARY AND PRELIMINARY NOTICES

200 2Ed 30/11/05 Last 126/2008 (Peninsular Malaysia NM 44(T)/2008) **NM 135T/2008**

Insert Permatang Sedepa Radar Beacon **(inoperative)** 2°53.3'N 100°59.7'E

201 3Ed 5/10/07 Last 111/2008 (Peninsular Malaysia NM 43(T)/2008) **NM 136T/2008**

Insert Mudah Selatan Radar Beacon **(inoperative)** 1°25.2'N 103°11.2'E

202 5Ed 19/10/06 Last 127/2008 (Peninsular Malaysia NM 43(T)/2008) **NM 136T/2008**

Insert Mudah Selatan Radar Beacon **(inoperative)** 1°25.2'N 103°11.2'E

III NAVIGATIONAL INFORMATION

*(NM 137/2008) 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/circulars_and_notices/portmarine_notices/pm_notices.htm

PMN No.	Subject
157/2008	High Spot removal within Selat Damar Laut Basin near the completed Berth J12 and J25 extension.
159/2008	Slope protection works on (A) St John's Island (B) Kusu Island.
160/2008	Soil investigation off West Jurong Channel.
162/2008	Marine jetty construction works at Pulau Ular.
168/2008	Reclamation of Jurong Island Phase 4 and Tuas View Extension.
170/2008	Sand Mining at Changi East.
171/2008	Reclamation works in Ayer Merbau Basin.

*(NM 138/2008) LAYING OF CABLE OPERATION (ASIA AMERICA GATEWAY) – SINGAPORE TO BATAM, INDONESIA, IN THE TRAFFIC SEPARATION SCHEME OF SINGAPORE STRAIT

Date : With effect from 15 October 2008 to 31 March 2009

1. Cable laying, Jakarta-Batam-Singapore (JAKABARE) and associated operations are in progress between the following positions (in WGS84) :

1°17-064'N	104°09-244'E
1°17-002'N	104°09-291'E
1°16-898'N	104°09-370'E
1°16-820'N	104°09-429'E
1°16-760'N	104°09-475'E
1°16-609'N	104°09-589'E
1°16-539'N	104°09-642'E
1°16-384'N	104°09-759'E
1°16-138'N	104°09-858'E
1°15-949'N	104°10-045'E
1°15-868'N	104°10-325'E
1°15-757'N	104°11-118'E
1°15-622'N	104°11-449'E
1°15-504'N	104°11-600'E
1°15-089'N	104°11-797'E
1°15-054'N	104°11-813'E
1°15-041'N	104°11-817'E

2. Cable laying, Batam Singapore Cable System (BSCS) and associated operations are in progress between the following positions (in WGS84) :

1°17-078'N	104°08-968'E
1°17-113'N	104°09-146'E

III NAVIGATIONAL INFORMATION

1°16.995'N	104°09.197'E
1°16.974'N	104°09.206'E
1°16.861'N	104°09.254'E
1°16.807'N	104°09.277'E
1°16.702'N	104°09.322'E
1°16.607'N	104°09.364'E
1°16.448'N	104°09.433'E
1°16.098'N	104°09.584'E
1°16.023'N	104°09.570'E
1°15.976'N	104°09.561'E
1°15.914'N	104°09.592'E
1°15.828'N	104°09.696'E
1°15.777'N	104°09.932'E
1°15.755'N	104°10.282'E
1°15.643'N	104°11.080'E
1°15.377'N	104°11.430'E
1°15.083'N	104°11.462'E
1°15.057'N	104°11.465'E
1°14.999'N	104°11.459'E

3. Charts affected : 502

4. Mariners are advised

(a) to navigate with caution

(b) not to anchor or trawl in the vicinity of the cable route.

Source : HD/DB67/029/2008

***(NM 139/2008) 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 200, 201, 202, 500, 501, 502, 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 140/2008) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2008/2009 EDITION”**

- 1 Page 139 – Item 7

PASIR PANJANG TERMINAL (PSA Corporation Ltd) (1°17·2'N, 103°46·1'E)

Insert the following:

Berth	Length of Berth	Depth Alongside (Year Surveyed)
P12	394m	15.0m (2008)

Source: HD/HY Code C00111408

- 2 Page 145 Item 20

JURONG TERMINAL (JURONG PORT PTE LTD)(1°18·3'N, 103°43·1'E)

Insert the following:

Berth	Length of Berth	Max LOA	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
J3A	160m	-	8.5m (2008)	-
J4A	120m	-	13.3m (2008)	-

Source: HD/HY Code J00104408

- 3 Page 146 Item 21

JURONG ISLAND (OILTANKING SINGAPORE LTD)(1°16·8'N, 103°44·1'E)

Insert the following:

Berth	Depth Alongside (Year Surveyed)	
	Delete	Insert
MJ5	12.9m(2000)	12.8m(2008)

Source: HD/HY Code E00102208

- 4 Page 149 – Item 35

JURONG ISLAND (SINGAPORE REFINING CO PTE LTD)(1°17·6'N, 103°43·0'E)

Insert the following:

Berth	Depth Alongside (Year Surveyed)	
	Delete	Insert
1	15.7m(2007)	15.5m(2008)

Source: HD/HY Code H00101508

III AMENDMENTS TO PUBLICATIONS

5 Page 154 – Item 42

CAFHI JETTY - TANJONG CHANGI (1°23-4'N, 103°59-9'E)

Insert the following:

Berth	Depth Alongside (Year Surveyed)	
	Delete	Insert
CAFHI Jetty Berth 1	8.6m(1999)	7.0m(2008)
CAFHI Jetty Berth 2	9.3m(1998)	9.3m(2008)

Source: HD/HY Code N00107208

IV
REPRINT OF RADIO NAVIGATIONAL WARNINGS

Nil

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/amd/weeklyNms.asp>

5024* SINGAPORE – West Jurong Channel – Gul Basin – Depths.

Source: MPA Singapore

Chart 4033 [*previous update 4149/08*] WGS84 DATUM

Insert

depth ~~4~~₉ enclosed by 5m contour

1° 18'.195N., 103° 40'.255E.

depth ~~5~~₇

(a) 1° 17'.647N., 103° 40'.663E.

Delete Depth ~~6~~₃ , close SSE of:

(a) above

5025* SINGAPORE – East Jurong Channel – Sungei Jurong – Legends.

Source: MPA Singapore

Chart 4034 [*previous update New Edition 24/07/2008*] WGS84 DATUM

Insert legend, **Numerous mooring buoys**, centred on:

1° 18'.250N., 103° 43'.700E.

1° 18'.068N., 103° 43'.782E.

5026* SINGAPORE – Sentosa South-westwards and Tanjong Berlayer – Rock. Depths. Wreck.

Source: MPA Singapore

Chart 4034 [*previous update 5025/08*] WGS84 DATUM

Substitute  (~~2~~₇) for  (~~2~~₉)

1° 15'.725N., 103° 48'.270E.

Chart 4035 [*previous update New Edition 24/07/2008*] WGS84 DATUM

Insert depth ~~17~~₇

(a) 1° 14'.655N., 103° 49'.113E.

Substitute depth ~~16~~₉ for depth ~~17~~₄

1° 14'.584N., 103° 49'.209E.

 (~~2~~₇) for  (~~2~~₉)

1° 15'.725N., 103° 48'.270E.

Delete depth ~~18~~₁ , close E of:

(a) above

Chart 4037 [*previous update 4336/08*] WGS84 DATUM

Substitute  ~~2~~₈ Wk for  ~~2~~₈ Wk

1° 14'.117N., 103° 49'.638E.

Chart 4040 [*previous update New Edition 24/07/2008*] WGS84 DATUM

Substitute depth ~~16~~₉ for depth ~~17~~₄

1° 14'.58N., 103° 49'.21E.

 ~~2~~₈ Wk for  ~~2~~₈ Wk

1° 14'.12N., 103° 49'.64E.

 (~~2~~₇) for  (~~2~~₉)

1° 15'.72N., 103° 48'.27E.

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

Chart 4041 [*previous update 4617/08*] WGS84 DATUM

Substitute	depth 16₉ for depth 17₄	1° 14'.58N., 103° 49'.21E.
	 Wk for  Wk	1° 14'.12N., 103° 49'.64E.
	 (27) for  (29)	1° 15'.72N., 103° 48'.27E.

5027* SINGAPORE STRAIT – Main Strait - Legend.

Light List Vol. F, 2007/08, 1694.8

Source: MPA Singapore

Chart 4036 [*previous update 2283/08*] WGS84 DATUM

Insert	legend, (collapsed) , at light	1° 11'.119N., 103° 47'.645E.
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Chart 4039 [*previous update 3296/08*] WGS84 DATUM

Insert	legend, (collapsed) , at light	1° 11'.12N., 103° 47'.65E.
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5028* MALACCA STRAIT – Pulau Karimun Besar North-eastwards – P. Nipa West-south-westwards - Wreck.

Source: Indonesian Notice 31/264/08

Chart 4039 [*previous update 5027/08*] WGS84 DATUM

Insert	 PA	1° 07'.7N., 103° 35'.0E.
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Chart 4040 [*previous update 5026/08*] WGS84 DATUM

Insert	 PA	1° 07'.7N., 103° 35'.0E.
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5207* MALAYSIA – Peninsular Malaysia, East Coast – Johor – Pelabuhan Calder – Approaches to Sungai Santi – Buoy. Wreck.

Source: Peninsula Malaysia Notice 53/08

Chart 4043 [*previous update 1845/08*] WGS84 DATUM

Insert	 FI(2)G.10s	(a) 1° 23'.84N., 104° 05'.64E.
	 , close S of :	(a) above

5322* SINGAPORE – Johor Strait – Eastern Part – Dockyard Reach – Buoyage.

Source: MPA Singapore

Chart 4044 [*previous update 3065/08*] WGS84 DATUM

Move	 FL.R.2.5s Senoko A, from:	1° 28'.54N., 103° 48'.54E.
	to:	1° 28'.57N., 103° 48'.50E.

V
REPRINT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL BADGED CHARTS



Fl.R.5s Denman Shoal, from:

1° 28'.50N., 103° 48'.31E.

to:

1° 28'.55N., 103° 48'.46E.

Updated to Admiralty Notices to Mariners Edition No. 39 of 2008 dated 25 September 2008.

SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC) DISTRIBUTORS

Please approach any of the appointed distributors to purchase the Singapore ENC.

CONTACT PERSON/ DESIGNATION	ADDRESS	TELEPHONE/FAX NO./EMAIL/WEBSITE
Mr Chong Chee Meng General Manager	DPM (Singapore) Pte Ltd 1 Maritime Square, #09-72 Harbour Front Centre, Singapore 099253	Tel. No.: +65 6270 4060 Fax No.: +65 6276 3858 Email: sales@dpmsingapore.com.sg Website: http://www.dpmsingapore.com.sg
Mr Hamzah Akhbar MDS Branch Manager	Kelvin Hughes(S) Pte Ltd 8 Pandan Avenue #02-00, Singapore 609384	Tel. No.: +65 6545 9880 ext.24 Fax No.: +65 6545 8892 Email: hamzah.akhbar@khsing.com Website: http://www.kelvinhughes.co.uk
Mr Looi Keen Wai Regional Sales Manager	Maritime Information Systems (MARIS) 52, Telok Blangah Road #01-06, Telok Blangah Centre, Singapore 058809	Tel. No.: +65 6276 1472 Fax No.: +65 6276 1473 Email: support@maris.sg Website: http://www.maris.no
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Mr Bernard Wong Sales Manager	Motion Smith 15 Jalan Kilang Barat #08-01/05 Frontech Centre Singapore 159357	Tel. No.: +65 6220 5098 Fax No.: +65 6225 4902 Email: sales@motsmith.com Website: http://www.motsmith.com
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SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC) DISTRIBUTORS
Please approach any of the appointed distributors to purchase the Singapore ENC.

CONTACT PERSON/ DESIGNATION	ADDRESS	TELEPHONE/FAX NO./EMAIL/WEBSITE
Mr Jester-Kim Foreign Business Department Manager	E_MLX Co. Ltd Ssangyong Research No.2 Lab Sinseong-Dong 100 Yusong-Gu, Daejoen 305-804, Korea (ROK)	Tel. No.: +82 42 865 1893 Fax No.: +82 42 865 1884 Email: Jester-kim@emlx.co.kr
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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. 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 Station 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 :

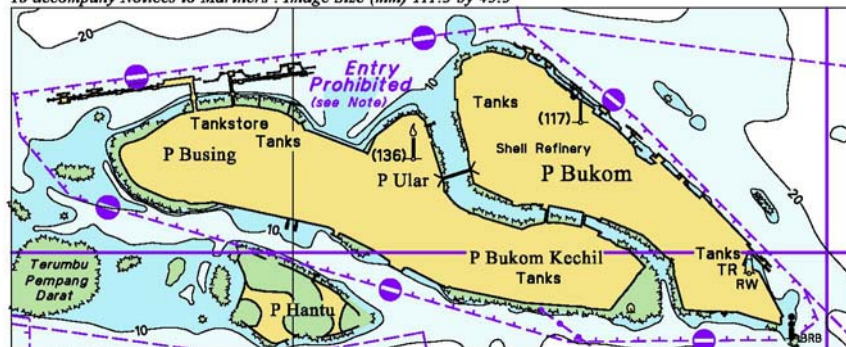
Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

Name and Signature :

Ship's/Company's stamp :

To accompany Notices to Mariners . Image Size (mm) 111.3 by 45.3



Block for Chart 501