



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 last page.

These notices can be accessed from the MPA webpage:

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

Copies of these notices can also be obtained free from the Hydrographic Department, Maritime and Port Authority of Singapore or from our Chart Agent, Motion Smith telephone number (65) 62205098.

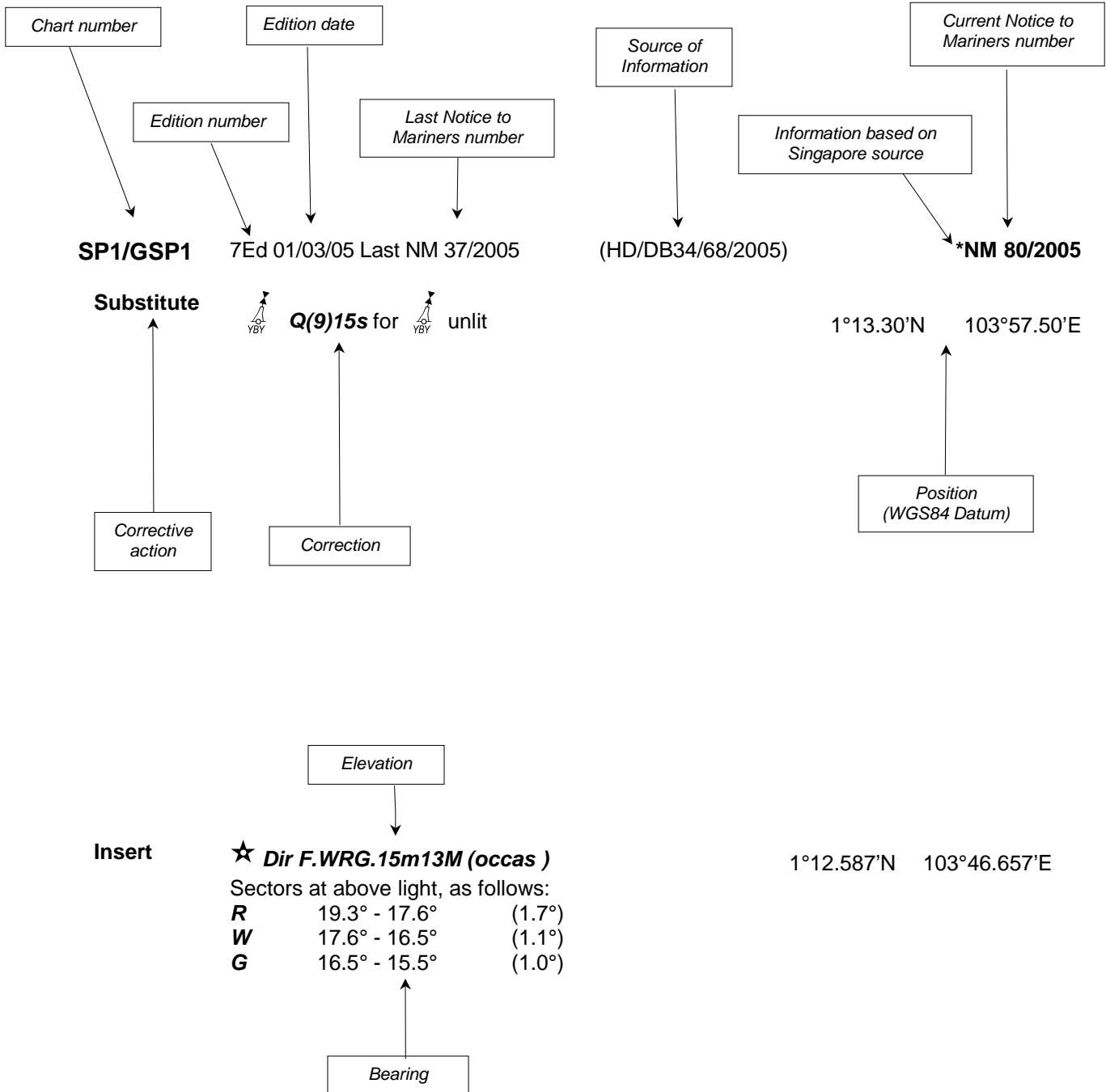
Hydrographic Department
Maritime and Port Authority of Singapore
P.O. Box 313
PSA Building Post Office
Singapore 911141

Tel : (65) 6375 1550

Fax : (65) 6278 7646

EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



Notes:

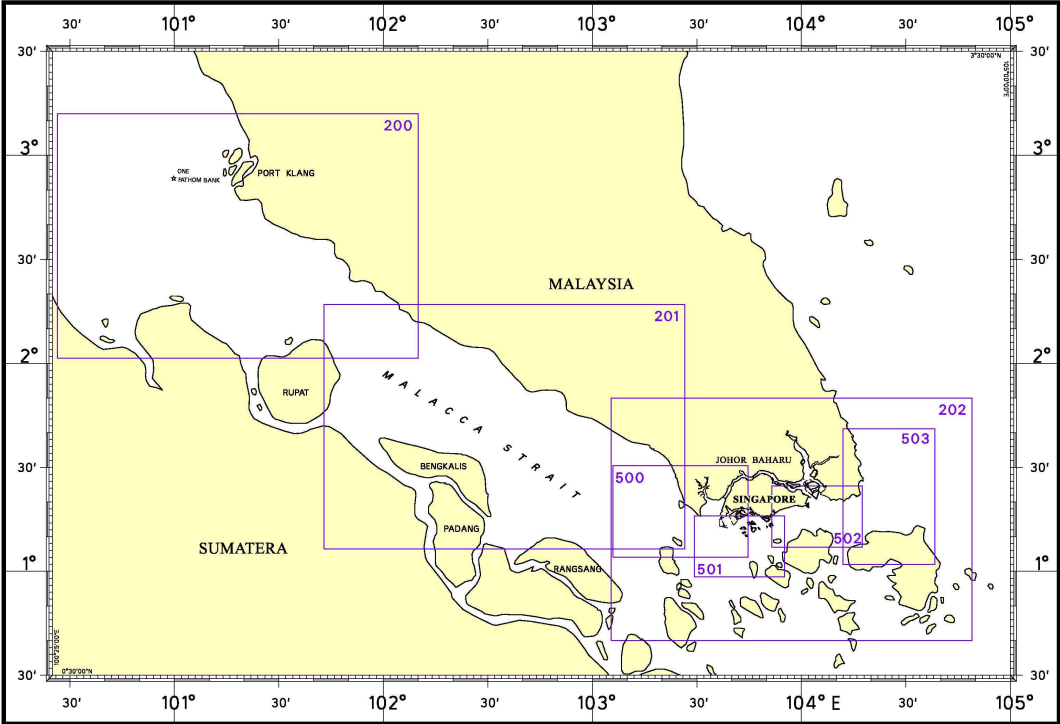
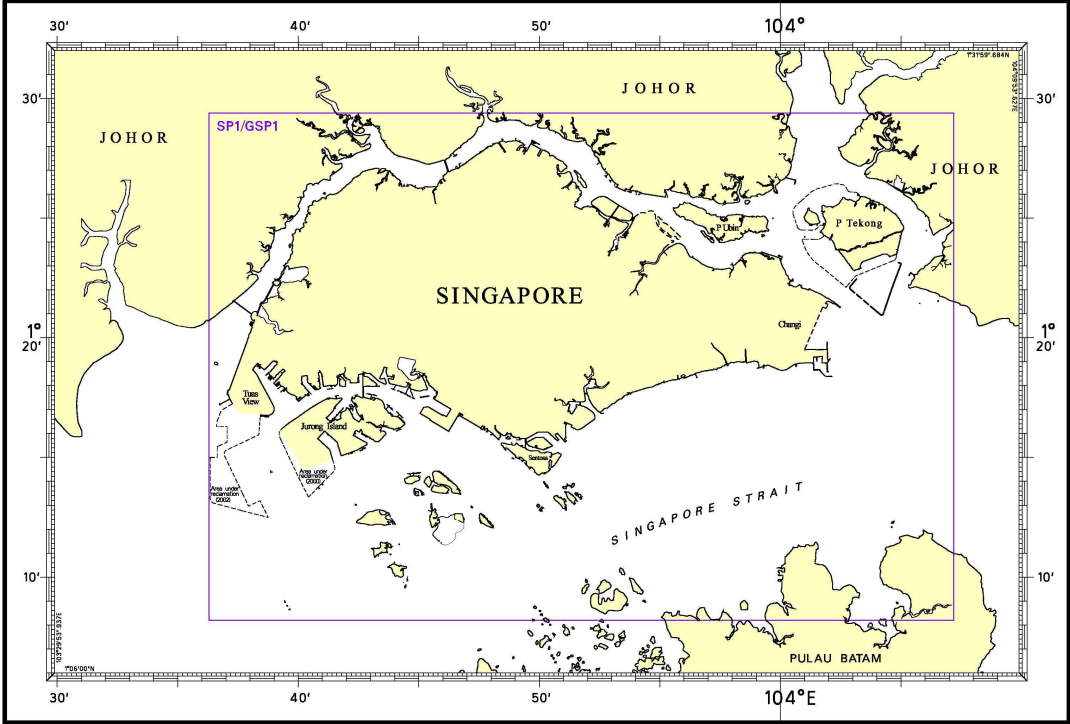
- a) Notice to Mariners number followed by:
 - T** indicates a Temporary Notice (eg. ***NM 80T/2005**).
 - P** indicates a Preliminary Notice (eg. ***NM 80P/2005**).
- b) Bearings are referred to True Compass in degrees clockwise from 000° to 359°. Bearings related to lights are from seaward.
- c) Heights and elevations are above Mean High Water Springs.

INDEX OF CHARTS AND PUBLICATIONS

NOTICES	DESCRIPTION	PAGE	NOTICES	DESCRIPTION	PAGE
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	New Publication "SINGAPORE PORT INFORMATION - 2006/2007 EDITION"	104	75	202	107
			76	501	108
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	Release of New Edition SINGAPORE ELECTRONIC NAVIGATIONAL CHART	104	77T	200	110
			*78	Updating of publication "SINGAPORE PORT INFORMATION - 2006/2007 EDITION"	112
*57	SP1/GSP1	105			
*58	SP1/GSP1	105			
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66	201	106			
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69	202	107			
70	202	107			
	501	108			

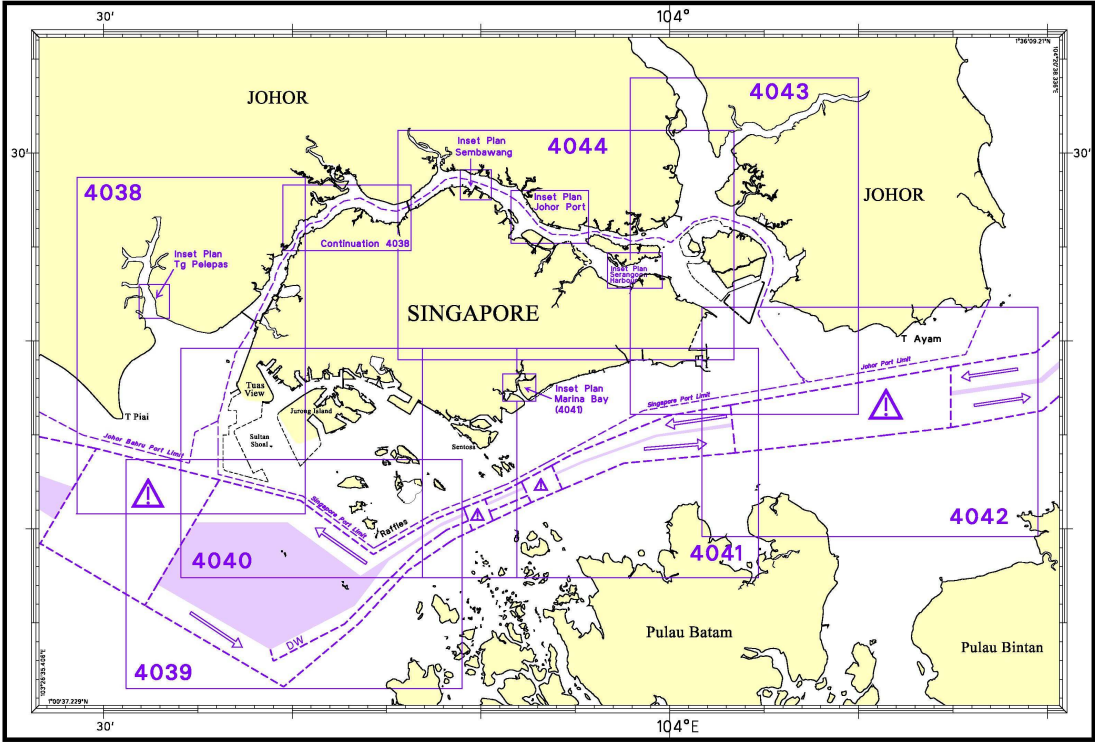
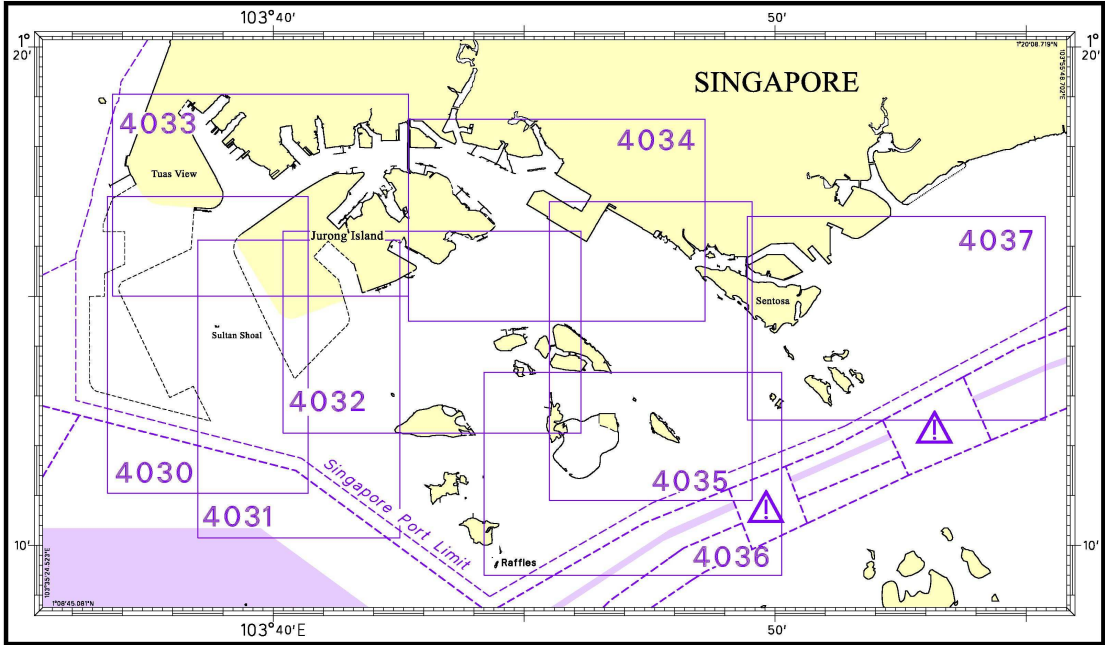
I INDEX OF CHARTS AND PUBLICATIONS

INDEX OF SINGAPOREAN CHARTS



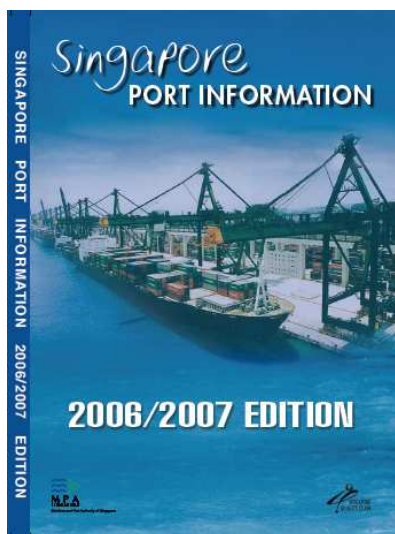
I INDEX OF CHARTS AND PUBLICATIONS

INDEX OF DUAL BADGED CHARTS



II NEW PUBLICATIONS

NEW PUBLICATION



SINGAPORE PORT INFORMATION - 2006/2007 EDITION

Summary of Publication

This publication contains Port Information such as Routeing System in the Straits of Malacca and Singapore, important Port Marine Circulars and Notices issued by the Port Master, Characteristics of Aids to Navigation, Port Facilities, IALA Maritime Buoyage System and Chart Catalogue.

To whom will it be useful

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

Frequency/Year of Publication

Biennially

Cost of publication

The price of the publication is S\$15.60 (excluding Goods & Services Tax).

Order Enquires

Motion Smith, 76 Shenton Way #01-01, Singapore 079119

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Remarks

Information provided in this publication is correct up to the time of printing based on data available at the Hydrographic Department, Maritime and Port Authority of Singapore.

Updates

Any updates to this publication which are critical to safe navigation will be promulgated through the monthly Singaporean Notices to Mariners. These notices can be accessed from MPA webpage:

" www.mpa.gov.sg/homepage/publications/noticesmari.htm".











NEW EDITION SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC)(2006.1) WERE RELEASED ON 2ND MAY 2006

For more information:










Please contact Ms Jenny Goh/Siti at Tel: 6375 1575/6 or visit our website:

<http://www.mpa.gov.sg/homepage/services/enc>





II
NOTICES TO MARINERS AND CHART CORRECTIONS

SP1/GSP1	8Ed 30/03/06 Last NM 50/2006	(HD/HY Code C00102506)	*NM 57/2006
Insert	 Wk		1°15.91'N 103°45.65'E
		(HD/HE025/77/2006)	*NM 58/2006
Delete	 Kuala, Fl.G.2,5s		1°16.68'N 103°52.63'E
		(HD/HE025/80/2006)	*NM 59/2006
Delete	 Singa, Fl.R.2,5s		1°16.56'N 103°52.43'E
		(HD/HY Code N00900106)	*NM 60/2006
Insert	Submarine Power and Optic Fibre Cables buried,  , joining :		1°23.23'N 104°00.01'E 1°23.60'N 104°00.49'E 1°23.90'N 104°00.55'E 1°24.34'N 104°00.96'E 1°24.55'N 104°01.75'E
		(Indo NM/28/269/2005)	NM 61/2006
Insert			1°08.40'N 103°54.70'E
		(Admiralty Notices 16/1820/2006)	NM 62/2006
Substitute	 Fl.G.3s for  No.1, Fl.G.3s		1°09.95'N 103°59.32'E
Insert	 Fl.R.3s		1°10.32'N 103°59.54'E
		(Admiralty Notices 16/1822/2006)	NM 63/2006
Insert	 Co		1°08.80'N 103°59.16'E
Insert			1°11.30'N 104°02.44'E










II
NOTICES TO MARINERS AND CHART CORRECTIONS

200	3Ed 30/11/05 Last 51/2006	(Royal Malaysian Navy MNM Edn 3/56/2006)	NM 64/2006
Delete	 LFI.9s18m5M		2°54.02'N 101°14.79'E
<hr/>			
201	2Ed 15/09/03 Last NM 49/2006	(Marine Dept. Peninsular Malaysia NTM 22(T)/2006)	NM 65/2006
Insert	 Wk (Note: Wreck "MV California") (Previous NM 5/55T/06 is superseded)		1°57.70'N 102°10.70'E
		(Marine Dept. Peninsular Malaysia NTM 23(T)/2006)	NM 66/2006
Insert	 Q.		1°57.94'N 102°10.70'E
	 Q(6) + LFI.15s		1°57.40'N 102°10.70'E
	 VQ(3)5s		1°57.70'N 102°10.92'E
	 Q(9)15s		1°57.70'N 102°10.40'E
		(Admiralty Notices 19/2173/2006)	NM 67/2006
Insert	 PA		1°34.32'N 102°37.15'E
		(Indo/Dishidros/BP110-2006/10/072)	NM 68/2006
Substitute	 No.6, FI.R.8s4M with Radar Reflector for		1°38.46'N 101°54.08'E
	 No.6, FI.R.8s		

II
NOTICES TO MARINERS AND CHART CORRECTIONS

202	4Ed 15/11/04 Last NM 53/2006	(Indo NM/19/184/2004)		NM 69/2006
Substitute	★ <i>Fl(3)15s16m12M</i> for ★ Fl(3)15s12M		1°02.42'N 103°42.69'E	
		(Indo NM/18/166/2005)		NM 70/2006
Substitute	 <i>Q(6)+LFl.15s11m11M</i> for  Q(6)+LFl.15s11M		1°05.90'N 103°43.25'E	
		(Indo NM/03/016/2006)		NM 71/2006
Substitute	★ <i>Fl.8s10m</i> for ★ Fl.9M		0°44.79'N 103°35.15'E	
		(Indo NM/05/031/2006)		NM 72/2006
Insert			0°55.00'N 103°13.00'E	
		(Indo NM/05/035/2006)		NM 73/2006
Insert			1°32.00'N 104°39.00'E	
		(Admiralty Notices 16/1823/2006)		NM 74/2006
Substitute	★ <i>Iso.WR.2s13M</i> for ★ Iso.2s11M		0°54.5'N 104°26.4'E	
		(Admiralty Notices 16/1824/2006)		NM 75/2006
Insert	Depth <i>5</i> enclosed by 5m contour		0°45.81'N 104°28.37'E	
Delete	Depth <i>5₇</i>		0°45.84'N 104°28.47'E	
Insert	Depth <i>1₇</i>		0°46.38'N 104°29.63'E	

II NOTICES TO MARINERS AND CHART CORRECTIONS

501	3Ed 15/09/03 Last NM 49/2006	(Indo NM/28/269/2005)	NM 61/2006
Insert			1°08.40'N 103°54.70'E
		(Indo NM/18/166/2005)	NM 70/2006
Substitute	 Q(6)+LFl.15s11m11M for  Q(6)+LFl.15s11M		1°05.90'N 103°43.25'E
		(Admiralty Notices 16/1821/2006)	NM 76/2006
Insert	Depth 7s enclosed by 10m contour		1°08.45'N 103°54.12'E
<hr/>			
502	3Ed 25/10/05 Last NM 54/2006	(HD/HY Code N00900106)	*NM 60/2006
Insert	Submarine Power and Optic Fibre Cables buried,  }  , joining :		1°23.23'N 104°00.01'E 1°23.60'N 104°00.49'E 1°23.90'N 104°00.55'E 1°24.34'N 104°00.96'E 1°24.55'N 104°01.75'E
		(Indo NM/28/269/2005)	NM 61/2006
Insert			1°08.40'N 103°54.70'E
		(Admiralty Notices 16/1820/2006)	NM 62/2006
Substitute	 Fl.G.3s for  No.1, Fl.G.3s		1°09.95'N 103°59.32'E
Insert	 Fl.R.3s		1°10.32'N 103°59.54'E

II
NOTICES TO MARINERS AND CHART CORRECTIONS

(Admiralty Notices 16/1822/2006)

NM 63/2006

Insert  **Co** 1°08.80'N 103°59.16'E

Insert  1°11.30'N 104°02.44'E

(Admiralty Notices 16/1821/2006)

NM 76/2006

Insert Depth *7_s* enclosed by 10m contour 1°08.45'N 103°54.12'E

Delete Depth *14_o* 1°08.48'N 103°54.12'E

II
TEMPORARY AND PRELIMINARY NOTICES

200	3Ed 30/11/05 Last 51/2006	(Indo/Dishidros/BP106-2006/06/041)	NM 77T/2006
Insert	North Cardinal Mark light beacon at Pasir Seletan has been relit.	2°40.75'N	101°06.50'E
	(Previous NMs 12/131T/98 & 4/44T/06 are superseded)		

**III
NAVIGATIONAL INFORMATION**

Nil

III AMENDMENTS TO PUBLICATIONS

***(NM 78/2006) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2006/2007 EDITION”**

1 Page 131 – APPROACHES TO KALLANG BASIN (Cont/)

Delete the following:

Name of Beacon / Buoy	Position Lat. N Long. E Deg Min	Structure Colour & Shape	Light Characteristic	Owner
Singa Buoy	01 16.563 103 52.430	Red Can	Fl.R.2,5s	MPA
Kuala Buoy	01 16.679 103 52.630	Green conical	Fl.G.2,5s	MPA

Source: HD/HE025 Nos. 77 & 80/2006

2 Page 150 - Item 12

JURONG – TG. SAKUNYIT & JURONG ISLAND (EXXONMOBIL ASIA PACIFIC PTE LTD)
(1°17.9'N, 103°41.3'E)

	Delete	<i>Insert</i>
Berth	Depth Alongside (Year Surveyed)	Depth Alongside (Year Surveyed)
Jurong-1	13.1m (2000)	13.0m (2005)
Jurong-2	12.8m (2000)	12.9m (2005)
Jurong-3	11.9m (1997)	11.8m (2005)
Jurong-4	9.4m (1999)	8.7m (2005)
Jurong-5	14.8m (2000)	14.6m (2005)
Jurong-6	7.7m (2000)	7.6m (2005)
Jurong-7	14.7m (2000)	14.7m (2005)
Jurong-8	14.0m (2000)	13.9m (2005)
Jurong-9	12.5m (1997)	12.2m (2005)

Source: HD/HY Code H00100806

III
AMENDMENTS TO PUBLICATIONS

3 Page 152 - Item 15

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

	Delete	<i>Insert</i>
Berth	Depth Alongside (Year Surveyed)	Depth Alongside (Year Surveyed)
PAC-1	9.0m (2000)	9.3m (2005)
PAC -2	12.5m (2000)	12.6m (2005)
PAC -3	12.6m (2000)	12.6m (2005)
PAC -4	15.7m (2000)	15.5m (2005)
PAC -5	15.4m (2000)	15.2m (2005)
PAC -6	13.6m (2000)	13.6m (2005)
Solid Handling Pier	8.1m (1984)	8.1m (2005)

Source: HD/HY Codes E00106106 & H00101106

IV
REPRINT OF RADIO NAVIGATIONAL WARNINGS

Nil

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


1821/06 SINGAPORE STRAIT – Indonesia – Pulau Belakangpadang South-eastwards – Depths.
 Source: Indonesian 44

Chart 4041 [previous update 1415/06] WGS84 DATUM

Insert	depth 7_s enclosed by 10m contour	(a) $1^{\circ} 08' .45N., 103^{\circ} 54' .12E.$
Delete	depth 14_0 , close N of:	(a) above

1822/06 * SINGAPORE STRAIT – Indonesia – Pulau Batam – Teluk Tering to Teluk Jodoh – Works. Coral.Islet.Depth. Rocks, (continued)

Chart 4041 [previous update 1821/06] WGS84 DATUM

Insert	legend, Works in progress (2004), orientated SW/NE, centred on:	$1^{\circ}11' .02N., 104^{\circ} 00' .25E.$
	legend, Works in progress (2004), orientated centred on:	$1^{\circ}08' .52N., 103^{\circ} 59' .22E.$
Insert		(a) $1^{\circ} 11' .30N., 104^{\circ} 02' .44E.$ $1^{\circ} 18' .80N., 103^{\circ} 59' .16E.$ $1^{\circ} 08' .46N., 103^{\circ} 58' .68E.$
	islet	
Delete	depth 0_9 , adjacent to:	(a) above

2183/06 * SINGAPORE – Pulau Bukom and Jong Fairway Eastwards – Dredged depths. Legends. Wrecks.

Source: Maritime and Port Authority of Singapore DBNM 11,14/06

Chart 4032

Amend	legend to, $13.5m$ (2005), centred on:	$1^{\circ} 14' .232N., 103^{\circ} 46' .107E.$
	legend to, $13.0m$ (2005), centred on:	$1^{\circ} 14' .389N., 103^{\circ} 45' .920E.$
	legend to, $5.7m$ (2005), centred on:	$1^{\circ} 14' .291N., 103^{\circ} 45' .570E.$

V
REPRINT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL BADGED CHARTS

Chart 4035 [previous update 5745/05] WGS84 DATUM




Insert		1° 13' .073N., 103° 48' .531E.
		1° 13' .061N., 103° 48' .559E.
Amend	legend to, 11.3m (2005), centred on:	1° 13' .875N., 103° 46' .500E.
	legend to, 11.8m (2005), centred on:	1° 13' .974N., 103° 46' .401E.
	legend to, 12.9m (2005), centred on:	1° 14' .050N., 103° 46' .320E.
	legend to, 15.6m (2005), centred on:	1° 14' .141N., 103° 46' .224E.
	legend to, 13.5m (2005), centred on:	1° 14' .232N., 103° 46' .107E.
	legend to, 13.0m (2005), centred on:	1° 14' .389N., 103° 45' .920E.
	legend to, 15.8m (2005), centred on:	1° 13' .673N., 103° 46' .692E.
	legend to, 5.7m (2005), centred on:	1° 14' .291N., 103° 45' .570E.
Delete		1° 13' .065N., 103° 48' .538E.

Chart 4036 [previous update 5270/05] WGS84 DATUM

Insert		1° 13' .073N., 103° 48' .531E.
		1° 13' .061N., 103° 48' .559E.
Delete		1° 13' .065N., 103° 48' .538E.


Chart 4039 [previous update 1419/06] WGS84 DATUM

Insert		1° 13' .06N., 103° 48' .56E.
Delete		1° 13' .07N., 103° 48' .54E.

Chart 4040 [previous update 1826/06] WGS84 DATUM

Insert		1° 13' .06N., 103° 48' .56E.
Delete		1° 13' .07N., 103° 48' .54E.

Chart 4041 [previous update 1826/06] WGS84 DATUM

Insert		1° 13' .06N., 103° 48' .56E.
Delete		1° 13' .07N., 103° 48' .54E.

V
REPRINT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL BADGED CHARTS

2184/06 * SINGAPORE — Singapore Island — Changi East — — Buoyage.

Source: Maritime and Port Authority of Singapore DBNMs 9 & 10/06

Chart 4041 [previous update 2183/06] WGS84 DATUM









Insert	 CNB-1, Q.Y	1° 18' .65N., 104° 00' .98E.
	 CNB-2, Q.Y	1° 18' .10N., 104° 01' .00E.
Amend	CNB-3 light-buoy to, Q.Y	1° 18' .14N., 104° 02' .41E.
Delete	 CNB-1, Fl.Y.2s	1° 18' .24N., 104° 00' .99E.
	 CNB-2, Fl.Y.2s	1° 18' .11N., 104° 01' .20E.

Chart 4042 [previous update 1822/06] WGS84 DATUM

Amend	CNB-3 light-buoy to, Q.Y	1° 18' .14N., 104° 02' .41E.
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Chart 4043 [previous update 1415/06] WGS84 DATUM

Insert	 CNB-1, Q.Y	1° 18' .65N., 104° 00' .98E.
	 CNB-2, Q.Y	1° 18' .10N., 104° 01' .00E.
Amend	CNB-3 light-buoy to, Q.Y	1° 18' .14N., 104° 02' .41E.
Delete	 CNB-1, Fl.Y.2s	1° 18' .24N., 104° 00' .99E.
	 CNB-2, Fl.Y.2s	1° 18' .11N., 104° 01' .20E.

V
REPRINT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL BADGED CHARTS

2185/06 * SINGAPORE STRAIT — Southern Fairway — Pulau Sakijang Bendera Eastwards — Marine farm.

Source: Maritime and Port Authority of Singapore DBNM 15/06

Chart 4040 [previous update 2183/06] WGS84 DATUM





Insert	limit of marine farm, pecked line, joining:	1° 13' .08N., 103° 51' .19E.
		1° 13' .23N., 103° 51' .19E.
		1° 13' .05N., 103° 51' .39E.
		1° 12' .95N., 103° 51' .25E.
		1° 13' .08N., 103° 51' .28E.
Delete		1° 12' .97N., 103° 51' .15E.


Chart 4041 [previous update 2184/06] WGS84 DATUM

Insert	limit of marine farm, pecked line, joining:	1° 13' .08N., 103° 51' .19E.
		1° 13' .23N., 103° 51' .19E.
		1° 13' .05N., 103° 51' .39E.
		1° 12' .95N., 103° 51' .25E.
		1° 13' .08N., 103° 51' .28E.
Delete		1° 12' .97N., 103° 51' .15E.

2186/06 * SINGAPORE — Singapore Island — Marina Bay — Beacon.

Source: Maritime and Port Authority of Singapore DBNM 16/06

Chart 4041 (plan A, Marina Bay) [previous update 2185/06] WGS84 DATUM

Delete	 North Marina	1° 17' .060N., 103° 52' .006E.
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Updated to Admiralty Notices to Mariners Weekly Edition 20 of 2006 dated 18 May 2006

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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 #20-00 PSA Building
Singapore 119963

Tel: (65) 6375 1550 or (65) 6375 1551
Fax: (65) 6278 7646
E-mail: hydrographic@mpa.gov.sg

Sender's Contact Details:

Date:
Name of Vessel:
Address of Sender:
Tel: Fax:
E-mail:

Nature of Observation:

General Location:
Subject:
Position: Lat Long
Charts Used:
Date & Time of Observation:
Details:
.....
.....
Attachment:

Equipment Used:

GPS / DGPS
Type of Position Fixing: Others:
Type of Echo Sounder:

Name and Signature:

Ship' s / Company's stamp: