



SINGAPORE 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 inserted on the charts affected. Notices under Section II apply only to the particular Singapore 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.

Copies of these notices can be obtained gratis from the Hydrographic Department, Maritime and Port Authority of Singapore or from Motion Smith. The notices can be accessed from MPA webpage.

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

Tel : (65) 63751600
Fax : (65) 62787646
Webpage : www.mpa.gov.sg/homepage/publications/noticesmari.html
Hot line : (65) 63751550

WILSON CHUA
Chief Hydrographer

EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.

Chart No.	Edition of Chart	Date Published	Last Correction	Source of Information	Asterisk indicates original source of information	Current Notice No.	If applicable T=Temporary or P=Preliminary
↓	↓	↓	↓	↓	↓	↓	↙
501	5 Ed	18/05/93	LAST NM 64/97	HD	*(NM 77/ 97)		
Corrective Action	Object(s) of corrective action	Position Approximate	Position				
↑	↑	↑	↑	↑			
Delete	Depth 13 metres	(PA)	1°15.08'N 103°37.92'E				

An asterisk (*) preceding a notice number indicates that the information is based on original Singapore source. The capital letter (T) or (P) denotes Temporary or Preliminary respectively.

Bearings are referred to the True Compass in degrees clockwise from 000° to 359°; those related to lights are from seaward. Heights are above mean sea level; only elevations of lights are above mean higher high water, or mean high water springs, as appropriate.

All positions are in WGS 84.

SECTION I
INDEX OF CHARTS AND PUBLICATIONS AFFECTED

NOTICES	SINGAPORE CHARTS	PAGE	NOTICES	SINGAPORE CHARTS	PAGE
* 68	New Publication of Year 2004 Singapore Tide Tables	114			
*69	SP1, GSP1	114			
	202	115			
	500	116			
	501	116			
*70	SP1, GSP1	114			
*71	SP1, GSP1	115			
	202	115			
	502	117			
*72	SP1, GSP1	115			
	500	116			
	501	116			
*73	SP1, GSP1	115			
	500	116			
	501	116			
*74	Updating of publication "Year 2003 Singapore Tide Tables and Port Information"	119			

SECTION II SINGAPORE NOTICES

*(NM68/2003) NEW PUBLICATION

Title : Year 2004 Singapore Tide Tables

Content : The publication contains the daily prediction of tidal heights and tidal stream stations within the Port of Singapore and Singapore Strait.

The predictions consist of 4 main segments to facilitate easy reference:

- a. High and Low Water Predictions
- b. Hourly Tidal Height Predictions
- c. Hourly Tidal Stream Predictions
- d. Maximum and Slack Tidal Stream Predictions



As in earlier publications, the presentation of the predictions are enhanced with colour codes so as to differentiate the various states of tidal heights, eg falling or rising tide and tidal stream directions. Moon faces, eg full and new moon, are also included in each calendar month to complement the prediction values.

The Tidal Heights are given in metres above Chart Datum (CD). The CD is the datum of soundings shown on the largest scale Singaporean Charts/Dual Badged Charts covering the area. A table showing the various tidal levels, eg. MHWS, MLWS, etc, at various stations with reference to CD is also included in this publication.












Unlike earlier publications, the 2004 Tide Tables is now a standalone publication with the Port Information as a separate publication. This is to allow users the flexibility to select the publication they require.

** Year 2004 Singapore Tide Tables are available at:
Motion Smith
78 Shenton Way # 01-03
Singapore 079120

Tel: 62205098 (After Office hours: Pager No. 93044156, 93044159)
Fax: 62254902
Email: motsmith@singnet.com.sg
Internet Web Site at: <http://www.singnet.com.sg/~motsmith>

SP1, GSP1	5Ed 15/10/02 Last NM62/2003	HD/Job No. X164/03	*(NM 69/2003)
Insert	 Wk	1°11.97'N	103°40.27'E
		HD/DB34/28-03	*(NM 70/2003)
Delete	 Fl. Y. 6s	1°25.39'N	103°54.56'E





SECTION II SINGAPORE NOTICES

		HD/DB34/31-03	*(NM 71/2003)
Insert	 CNB-1, Fl.Y.2s	1°18.24'N	104°00.99'E
	 CNB-2, Fl.Y.2s	1°18.11'N	104°01.20'E
	 CNB-3, Fl.Y.4s	1°18.14'N	104°02.41'E
	 CNB-4, Fl.Y.4s	1°18.72'N	104°02.40'E
		HD/DB34/33-03	*(NM 72/2003)
Relocate	 PKDBH 9, Fl.(4)Y.15s (1°13.18'N, 103°40.27'E)	1°13.20'N	103°40.32'E
		HD/DB34/34-03	*(NM 73/2003)
Relocate	 PKDBH 1, Fl.Y.4s (1°13.50'N, 103°40.12'E)	1°13.52'N	103°40.16'E
202	3Ed 02/01/02 Last NM 63/2003	HD/Job No. X164/03	*(NM 69/2003)
Insert	Least depth over wreck 23 enclosed by  Wk	1°11.97'N	103°40.27'E
		HD/DB34/31-03	*(NM 71/2003)
Insert	 CNB-1, Fl.Y.2s	1°18.24'N	104°00.99'E
	 CNB-2, Fl.Y.2s	1°18.11'N	104°01.20'E
	 CNB-3, Fl.Y.4s	1°18.14'N	104°02.41'E
	 CNB-4, Fl.Y.4s	1°18.72'N	104°02.40'E

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SECTION II SINGAPORE NOTICES

502	2Ed 15/11/00 Last NM 65/2003	HD/DB34/31-03	*(NM 71/2003)
Insert	 CNB-1, Fl.Y.2s	1°18.24'N	104°00.99'E
	 CNB-2, Fl.Y.2s	1°18.11'N	104°01.20'E
	 CNB-3, Fl.Y.4s	1°18.14'N	104°02.41'E
	 CNB-4, Fl.Y.4s	1°18.72'N	104°02.40'E

SECTION II
TEMPORARY AND PRELIMINARY NOTICES

Nil

SECTION III MARINE INFORMATION

***(NM 74/2003) UPDATING OF PUBLICATION “YEAR 2003 SINGAPORE TIDE TABLES AND PORT INFORMATION”**

Amend the following:

- 1 Page 343 - TANJONG PAGAR TERMINAL (PSA Corporation Ltd) (1°16.0'N, 103°51.0'E)

Berth	Length of Berth	Former Depth Alongside (Year Surveyed)	New Depth Alongside (Year Surveyed)	Source HY Code:
T1	325m	12.6m (2002)	13.6m (2003)	B00101903
T2	310m	12.8m (2002)	13.6m (2003)	B00101903
T3	310m	12.4m (2002)	13.6m (2003)	B00101903

- 2 Page 324- TEMASEK FAIRWAY

NAME OF BEACON/ BUOY	FORMER POSITION				NEW POSITION			
	LAT.	N	LONG.	E	LAT.	N	LONG.	E
PKDBH 9 Buoy	01°	13.175'	103°	40.270'	01°	13.198'	103°	40.317'
PKDBH 1 Buoy	01°	13.502'	103°	40.121'	01°	13.522'	103°	40.162'

- 3 Page 328- SINKI FAIRWAY

NAME OF BEACON/ BUOY	FORMER POSITION				NEW POSITION			
	LAT.	N	LONG.	E	LAT.	N	LONG.	E
Bujor Buoy	01°	13.362'	103°	41.109'	01°	13.362'	103°	42.109'

SECTION IV
REPRINT OF RADIO NAVIGATIONAL WARNINGS

Nil

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

3755/03 SINGAPORE STRAIT – Indonesia and Singapore – Pulau Pemping Besar to Jurong Island – Submarine pipeline.

Source: Boskalis - Idros

Notes: Certain copies only

Chart 4039 [*previous update 2961/03*] WGS84 DATUM

Insert	Symbol for submarine pipeline joining positions:	1°06'.51N.,	103°47'.48E. (shore)
		1°06'.85N.,	103°47'.30E.
		1°07'.00N.,	103°47'.08E.
	(a)	1°07'.01N.,	103°46'.81E.
	(b)	1°06'.67N.,	103°45'.51E.
		1°06'.66N.,	103°44'.97E.
		1°06'.81N.,	103°44'.45E.
	(c)	1°07'.59N.,	103°43'.03E.
	(d)	1°08'.43N.,	103°41'.65E.
		1°08'.76N.,	103°41'.22E.
		1°08'.97N.,	103°41'.05E.
		1°09'.73N.,	103°40'.76E.
		1°10'.46N.,	103°40'.40E.
	(e)	1°10'.72N.,	103°40'.33E.
	(f)	1°11'.80N.,	103°40'.33E.
		1°12'.07N.,	103°40'.37E.
		1°12'.32N.,	103°40'.48E.
		1°13'.01N.,	103°40'.90E.
		1°13'.55N.,	103°41'.50E.
		1°13'.70N.,	103°41'.60E.
		(N. border)	
	legend, Gas (see Note)	along (a) – (b) above	
		along (c) – (d) above	
		along (e) – (f) above	

Reprinted from: Weekly Edition 35, dated 28 August 2003

HYDROGRAPHIC NOTE

Date

Ref. No

Name of vessel or address of sender:

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.....
.....

General locality:

Subject:

Approx.Position: Lat..... Long

Charts affected:.....

Latest Notices to Mariners held

Publications affected (Edition No. and date of latest supplement)

.....
.....

Details:-

.....
.....
.....
.....
.....

Signature of

Observer/Reporter: Ship' s stamp

INSTRUCTION

Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, when new or suspected dangers to navigation are discovered, changes observed in aids to navigation or corrections to nautical publications seem to be necessary.

2. The instructions below should be followed as closely as possible to facilitate easy interpretation of information.

3. A position which is fixed by sextant angles, radar ranges or bearings (true or magnetic) should include more than two objects in order to provide a check on its accuracy. When there is a series of fixes along a ship's track only the method of fixing and the objects used need to be indicated. A position may also be defined by bearing and distance from a conspicuous object eg. beacon, lighthouse etc.

4. A report should include a tracing of the largest scale chart and the details should be marked in red; adequate information must be traced in black ink to enable the amendments to be fitted correctly.

5. The method in which soundings are taken should be stated. In case of echo sounding, the trace should be marked with date, times, depths etc. and forwarded with the report. It is important to state whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught at the time of observation should be given. The make, name and type of set should also be stated.

6. Modern echo sounders frequently register greater depths than the advertised maximum for the set, eg. with a set whose maximum is 500 metres, a trace appearing at 50 metres may in fact be 550 metres or even 1050 metres. Erroneous deep soundings 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.

7. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.

8. Reports of shoal soundings, uncharted dangers and defects in aids to navigation may, at the mariner's discretion, be made by radio to Singapore Port Operations on VHF Channels 12 or 20 or to Chief Hydrographer, Maritime and Port Authority of Singapore, through Singapore Radio, call-sign 9VG, by wireless telegraphy.

Note:-

An acknowledgement of receipt will be sent and the information then used to the best advantage. When a Notice to Mariners is issued the sender's vessel or name is quoted as authority unless the same information is also received in a foreign Notices to Mariners. Further communication should be expected only if the information is of outstanding value or has unusual features.