



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 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 access from MPA webpage.

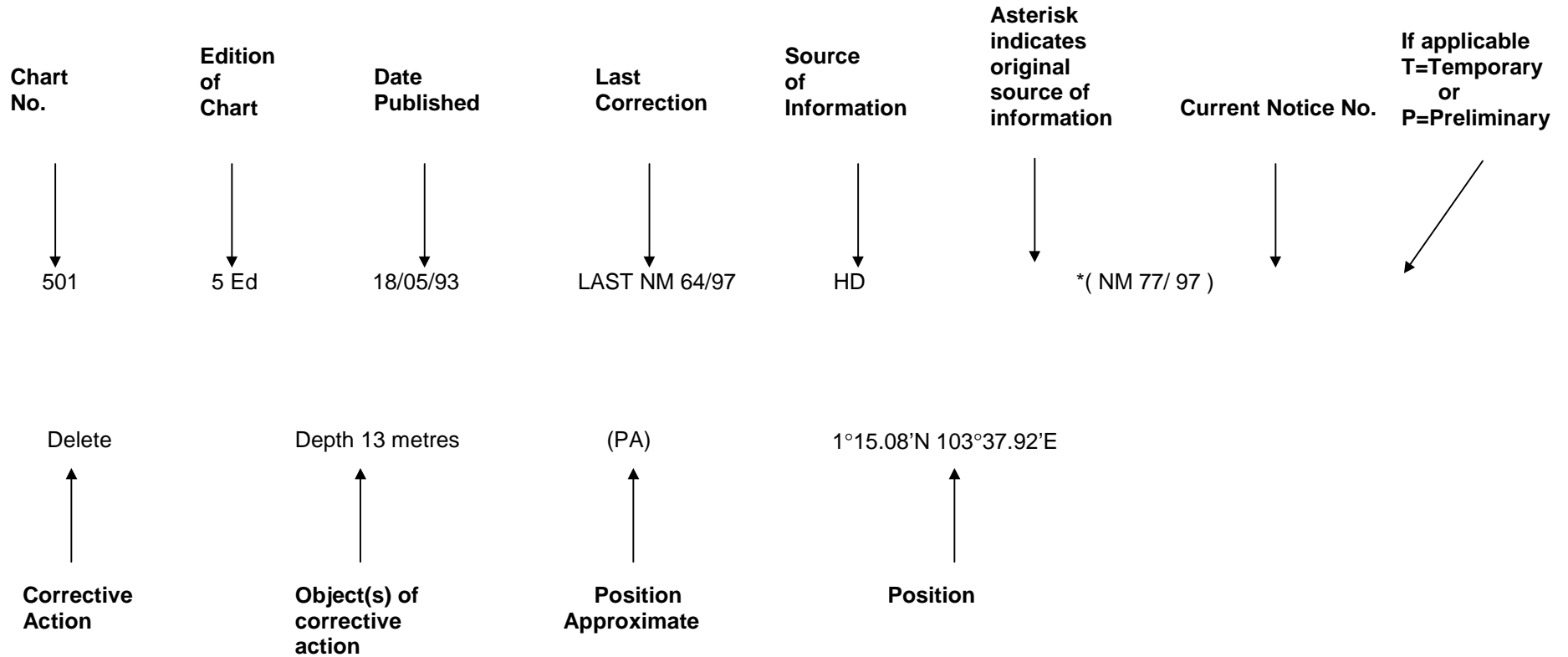
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WILSON CHUA
Chief Hydrographer

EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



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.

SECTION I **INDEX OF CHARTS AND PUBLICATIONS AFFECTED**

NOTICES	SINGAPOREAN CHARTS	PAGE	NOTICES	SINGAPOREAN CHARTS	PAGE
*48	SP1/GSP1 300 301 500 501	60 61 61 63 63			
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51T	SP1/GSP1 202 301 500 501	65 65 65 65 66			
*52	Updating of "Year 2002 Singapore Tide Tables and Port Information" publication	67			
*53	3 rd Edn Singapore Electronic Navigational Charts (ENC) (2002.1)	67			

SECTION II SINGAPORE NOTICES

SP1/GSP1	4Ed 27/09/01 Last NM 41/2002	PMN No. 37 & 42 of 2002	*(NM48/2002)
Delete	Yellow pillar light-buoys, <i>HVB-07, FI Y 2s</i> <i>HVB-08, FI Y 4s</i>	1°15.45' N 1°16.35' N	103°36.64' E 103°37.10' E
Insert	Pecked line joining positions	1°16.35' N 1°16.01' N 1°15.00' N	103°36.46' E 103°36.34' E 103°36.34' E
Insert	Pecked line joining position	1°14.23' N 1°14.23' N 1°15.16' N	103°37.34' E 103°37.42' E 103°36.98' E
Substitute	Legend (2002) for (2000) (Reclamation works until October 2002)	1°16.49' N 1°13.74' N	103°37.57' E 103°36.90' E
Insert	Green conical light-buoys, <i>HVB-6A, FI G 4s</i> <i>HVB-7A, FI G 4s</i> <i>HVB-8A, FI G 4s</i>	1°15.29' N 1°15.57' N 1°15.86' N	103°36.29' E 103°36.29' E 103°36.29' E
		PMN No. 28 of 2002	*(NM50/2002)
Insert	Working area at Southern Islands Pecked line joining positions	1°13.45' N 1°13.29' N 1°13.14' N 1°13.25' N 1°13.47' N	103°51.40' E 103°51.20' E 103°51.10' E 103°50.98' E 103°51.03' E
Delete	Pecked line joining positions	1°13.45' N 1°13.31' N 1°13.37' N 1°13.47' N	103°51.40' E 103°51.18' E 103°51.08' E 103°51.03' E
Substitute	Legend (2002) for (2000) (Construction period until September 2002)	1°13.76' N	103°51.21' E

SECTION II SINGAPORE NOTICES

114 **1Ed 01/07/98 Last NM 37/2002** **HD/Job No. X183/01** ***(NM49/2002)**

Delete Symbol for fishing stake, and legend *E43* 1°24.15' N 103°59.07 E

300 **4Ed 27/09/01 Last NM 40/2002** **PMN No. 37 & 42 of 2002** ***(NM48/2002)**

Delete Yellow pillar light-buoys,
HVB-07, FI Y 2s 1°15.45' N 103°36.64' E
HVB-08, FI Y 4s 1°16.35' N 103°37.10' E

Insert Pecked line joining positions 1°16.35' N 103°36.46' E
 1°16.01' N 103°36.34' E
 1°15.00' N 103°36.34' E

Insert Pecked line joining position 1°14.23' N 103°37.34' E
 1°14.23' N 103°37.42' E
 1°15.16' N 103°36.98' E

Substitute Legend **(2002)** for (2000) 1°16.28' N 103°37.75' E
 (Reclamation works until October 2002) 1°13.81' N 103°36.94' E

Insert Green conical light-buoys,
HVB-6A, FI G 4s 1°15.29' N 103°36.29' E
HVB-7A, FI G 4s 1°15.57' N 103°36.29' E
HVB-8A, FI G 4s 1°15.86' N 103°36.29' E

301 **4Ed 27/09/01 Last NM 40/2002** **PMN No. 37 & 42 of 2002** ***(NM48/2002)**

Delete Yellow pillar light-buoys,
HVB-07, FI Y 2s 1°15.45' N 103°36.64' E
HVB-08, FI Y 4s 1°16.35' N 103°37.10' E

Insert Pecked line joining positions 1°16.35' N 103°36.46' E
 1°16.01' N 103°36.34' E
 1°15.00' N 103°36.34' E

Insert Pecked line joining positions 1°14.23' N 103°37.34' E
 1°14.23' N 103°37.42' E
 1°15.16' N 103°36.98' E

SECTION II SINGAPORE NOTICES

Substitute	Legend (2002) for (2000) (Reclamation works until October 2002)	1°16.28' N 1°13.81' N	103°37.73' E 103°36.93' E
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PMN No. 28 of 2002

***(NM50/2002)**

Insert	Working area at Southern Islands Pecked line joining positions	1°13.45' N 1°13.29' N 1°13.14' N 1°13.25' N 1°13.47' N	103°51.40' E 103°51.20' E 103°51.10' E 103°50.98' E 103°51.03' E
Delete	Pecked line joining positions	1°13.45' N 1°13.31' N 1°13.37' N 1°13.47' N	103°51.40' E 103°51.18' E 103°51.08' E 103°51.03' E
Substitute	Legend (2002) for (2000) (Construction period until September 2002)	1°13.74' N	103°51.21' E

302	3Ed 15/11/00 Last NM 39/2002	PMN No. 28 of 2002	*(NM50/2002)
Insert	Working area at Southern Islands Pecked line joining positions	1°13.45' N 1°13.29' N 1°13.14' N 1°13.25' N 1°13.47' N	103°51.40' E 103°51.20' E 103°51.10' E 103°50.98' E 103°51.03' E
Delete	Pecked line joining positions	1°13.45' N 1°13.31' N 1°13.37' N 1°13.47' N	103°51.40' E 103°51.18' E 103°51.08' E 103°51.03' E
Substitute	Legend (2002) for (2000) (Construction period until September 2002)	1°13.75' N	103°51.21' E

303	1Ed 01/10/98 Last NM 41/2002	HD/Job No. X183/01	*(NM49/2002)
Delete	Symbol for fishing stake, and legend <i>E43</i>	1°24.15' N	103°59.07' E

SINGAPORE NOTICES

500	2Ed 15/11/00 Last NM 40/2002	PMN No. 37 & 42 of 2002	*(NM48/2002)
Delete	Yellow pillar light-buoys,		
	<i>Fl Y</i>	1°15.45' N	103°36.64' E
	<i>Fl Y</i>	1°16.35' N	103°37.10' E
Insert	Pecked line joining positions	1°16.35' N	103°36.46' E
		1°16.01' N	103°36.34' E
		1°15.00' N	103°36.34' E
Insert	Pecked line joining positions	1°14.23' N	103°37.34' E
		1°14.23' N	103°37.42' E
		1°15.16' N	103°36.98' E
Substitute	Legend (2002) for (2000) (Reclamation works until October 2002)	1°16.43' N	103°37.66' E
		1°13.50' N	103°37.00' E
Insert	Green conical light-buoys, Fl G Fl G Fl G	1°15.29' N	103°36.29' E
		1°15.57' N	103°36.29' E
		1°15.86' N	103°36.29' E

501	2Ed 15/11/00 Last NM 40/2002	PMN No. 37 & 42 of 2002	*(NM48/2002)
Delete	Yellow pillar light-buoy, <i>Fl Y</i> 2s	1°15.45' N	103°36.64' E
Insert	Pecked line joining positions	1°16.00' N	103°36.34' E
		1°15.00' N	103°36.34' E
Insert	Pecked line joining positions	1°14.23' N	103°37.34' E
		1°14.23' N	103°37.42' E
		1°15.16' N	103°36.98' E
Substitute	Legend (2002) for (2000) (Reclamation works until October 2002)	1°15.80' N	103°37.50' E
		1°14.27' N	103°36.82' E
		1°13.51' N	103°36.91' E

SECTION II SINGAPORE NOTICES

Insert	Green conical light-buoys,		
	<i>FI G 4s</i>	1°15.29' N	103°36.29' E
	<i>FI G 4s</i>	1°15.57' N	103°36.29' E
	<i>FI G4s</i>	1°15.86' N	103°36.29' E

PMN No. 28 of 2002

*(NM50/2002)

Insert	Working area at Southern Islands Pecked line joining positions	1°13.45' N	103°51.40' E
		1°13.29' N	103°51.20' E
		1°13.14' N	103°51.10' E
		1°13.25' N	103°50.98' E
		1°13.47' N	103°51.03' E
Delete	Pecked line joining positions	1°13.45' N	103°51.40' E
		1°13.31' N	103°51.18' E
		1°13.37' N	103°51.08' E
		1°13.47' N	103°51.03' E
Substitute	Legend (2002) for (2000) (Construction period until September 2002)	1°13.75' N	103°51.16' E

502	2Ed 15/11/00 Last NM 41/2002	PMN No. 28 of 2002	*(NM50/2002)
Insert	Working area at Southern Islands Pecked line joining positions	1°13.45' N	103°51.40' E
		1°13.29' N	103°51.20' E
		1°13.18' N	103°51.12' E
Delete	Pecked line joining positions	1°13.35' N	103°51.12' E
		1°13.31' N	103°51.18' E
		1°13.45' N	103°51.40' E
Substitute	Legend (2002) for (2000) (Construction period until September 2002)	1°13.71' N	103°51.23' E

SECTION II TEMPORARY AND PRELIMINARY NOTICES

SP1/GSP1	4Ed 27/09/01	NAVAREA XI WARNING No. 10/0116/02	(NM51T/2002)
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Delete	Legend (<i>Racon Inoperative</i>) against Nipa Reef light-beacon, FI 3s 16m13M	1°09.18' N	103°39.37' E
(Previous NM10/115T/01 is cancelled)			

202	3Ed 02/01/02	NAVAREA XI WARNING No. 10/0116/2002	(NM51T/2002)
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Delete	Legend (<i>Racon Inoperative</i>) against Nipa Reef light-beacon, FI 3s 16m13M	1°09.18' N	103°39.37' E
(Previous NM10/115T/01 is cancelled)			

301	4Ed 27/09/01	NAVAREA XI WARNING No. 10/0116/2002	(NM51T/2002)
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Delete	Legend (<i>Racon Inoperative</i>) against Nipa Reef light-beacon, FI 3s 16m13M	1°09.18' N	103°39.37' E
(Previous NM10/115T/01 is cancelled)			

500	2Ed 15/11/00	NAVAREA XI WARNING No. 10/0116/2002	(NM51T/2002)
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Delete	Legend (<i>Racon Inoperative</i>) against Nipa Reef light-beacon, FI 3s 16m13M	1°09.18' N	103°39.37' E
(Previous NM10/115T/01 is cancelled)			

TEMPORARY AND PRELIMINARY NOTICES

501	2Ed 15/11/00	NAVAREA XI WARNING No. 10/0116/2002	(NM51T/2002)
Delete	Legend (<i>Racon Inoperative</i>) against Nipa Reef light-beacon, Fl 3s 16m13M	1°09.18' N	103°39.37' E
	(Previous NM10/115T/01 is cancelled)		

SECTION III MARINE INFORMATION

*(NM52/2002) UPDATING OF PUBLICATION "YEAR 2002 SINGAPORE TIDE TABLES AND PORT INFORMATION"

1 Page 331 - BRANI TERMINAL (PSA CORPORATION LTD) (1°15.7'N, 103°50.2'E)

Amend:

Berth	Former Depth Alongside (Year Surveyed)	New Depth Alongside (Year surveyed)
B1	11.0m (1998)	11.0m (2001) *
B2	11.7m (1998)	11.4m (2001) *
B3	12.0m (1998)	11.5m (2001) *

2 Page 322 - EAST KEPPEL FAIRWAY

NAME OF BEACON/ BUOY	POSITION IN WGS 84		STRUCTURE COLOUR & SHAPE	LIGHT CHARACTERISTICS
	LAT. (N)	LONG. (E)		
Delete:				
Seringat Beacon *	01°13.919' *	103°51.507' *	Red GRP tower on red cone frustum *	Fl(2)R.10s5m3M *
Insert:				
Seringat Beacon (Temporary) *	01°13.912' *	103°51.488' *	Red cylinder daymark on red tubular tower *	Fl(2)R.10s5m3M *

*(NM53/2002) THE LATEST SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC) 3RD EDITION (2002.1) WILL BE RELEASED ON 2 MAY 2002.

For more information:

Please call Ms Jenny Goh/Siti at Tel : (65) 63751575/6 or
visit our website :<http://www.mpa.gov.sg/homepage/services>

REPRINT OF RADIO NAVIGATIONAL WARNINGS

Nil

Date

Ref. No

Name of vessel or address of sender:

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

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.