



## 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.**

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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.

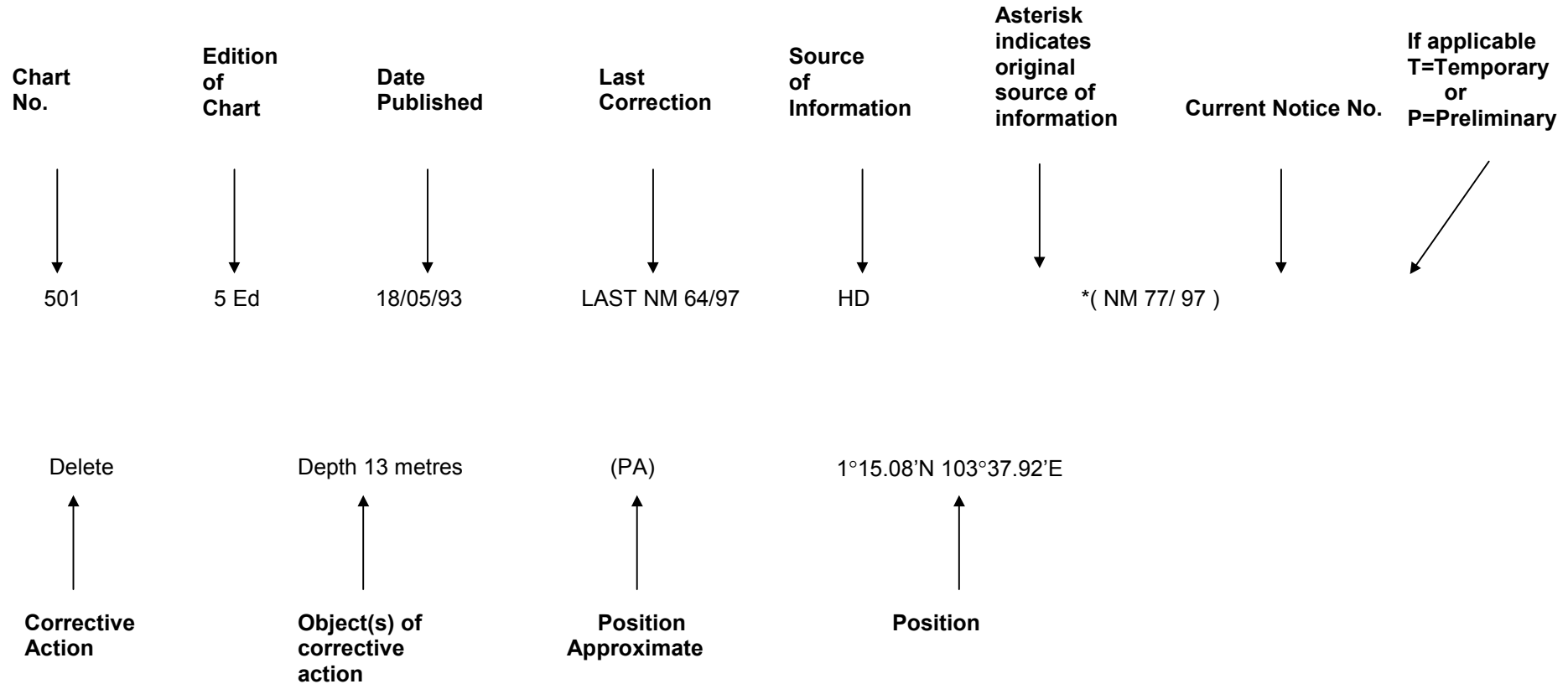
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WILSON CHUA  
Chief Hydrographer

## 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	SINGAPORE CHARTS	PAGE	NOTICES	SINGAPORE CHARTS	PAGE
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*44	Updating of publication " Charts For Small Craft -Singapore Strait and Adjacent Waterway - 2003 Edition"	63			

**SECTION II  
SINGAPORE NOTICES**

**SP1, GSP1**      **5Ed 15/10/02 Last NM 35/2003**      **Singapore Telecom Ltd**      **\*(NM38/2003)**

<b>Insert</b>	(APCN2, S1), submarine cable buried from position:	1°18.66'N	104°00.15'E
		1°18.52'N	104°00.32'E
		1°16.72'N	104°03.32'E
		1°16.00'N	104°03.94'E
		1°15.98'N	104°04.46'E
		1°15.92'N	104°04.58'E
		1°16.19'N	104°05.01'E
	(Chart border)	1°16.39'N	104°07.20'E

**Singapore Telecom Ltd**      **\*(NM39/2003)**

<b>Insert</b>	(APCN2, S8ABC), submarine cable buried from position:	1°16.00'N	104°03.94'E
		1°15.00'N	104°04.60'E
		1°14.49'N	104°05.30'E
		1°14.68'N	104°06.19'E
	(Chart border)	1°14.81'N	104°07.20'E

**200**      **1Ed 01/10/98 Last NM 94/2002**      **BA NM No.14/1618/03**      **(NM40/2003)**

<b>Insert</b>	★ <i>Fl.Y.5s11m7M</i>	2°19.94'N	102°02.68'E
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**201**      **1Ed 01/10/98 Last NM 36/2003**      **MRCC KLANG**      **(NM41/2003)**

<b>Delete</b>	Isolated Danger mark buoy	1°15.3'N	103°24.5'E
<b>Insert</b>	North Cardinal Mark buoy	1°15.5'N	103°25.3'E
	South Cardinal Mark Buoy	1°14.5'N	103°25.3'E
	East Cardinal Mark buoy, <i>Racon (D)</i>	1°15.0'N	103°25.8'E
	West Cardinal Mark buoy	1°15.0'N	103°24.8'E

**SECTION II  
SINGAPORE NOTICES**

<b>202</b>	<b>3Ed 02/01/02 Last NM 36/2003</b>	<b>Singapore Telecom Ltd</b>	<b>*(NM38/2003)</b>
<b>Insert</b>	(APCN2, S1), submarine cable buried from position:		
		1°18.66'N	104°00.15'E
		1°16.72'N	104°03.32'E
		1°16.00'N	104°03.94'E
		1°15.92'N	104°04.58'E
		1°16.19'N	104°05.01'E
		1°16.43'N	104°07.53'E
		1°17.33'N	104°10.25'E
		1°18.38'N	104°15.06'E
		1°18.15'N	104°15.52'E
		1°18.35'N	104°17.37'E
		1°18.29'N	104°17.70'E
		1°18.36'N	104°18.41'E
		1°22.69'N	104°24.44'E
		1°24.15'N	104°24.51'E
		1°27.10'N	104°27.80'E
		1°28.38'N	104°28.69'E
		1°29.24'N	104°29.03'E
	(Chart border)	1°50.00'N	104°31.66'E

**Singapore Telecom Ltd      \*(NM39/2003)**

<b>Insert</b>	(APCN2, S8ABC), submarine cable buried from position:		
		1°16.00'N	104°03.94'E
		1°14.49'N	104°05.30'E
		1°14.94'N	104°08.29'E
		1°14.93'N	104°14.67'E
		1°14.66'N	104°15.41'E
		1°17.51'N	104°20.30'E
		1°18.44'N	104°20.52'E
		1°19.07'N	104°21.00'E
		1°20.63'N	104°23.21'E
		1°22.69'N	104°25.74'E
		1°23.48'N	104°27.74'E
		1°28.60'N	104°34.68'E
		1°35.54'N	104°38.58'E
		1°37.90'N	104°39.38'E
		1°43.13'N	104°43.42'E
	(Chart border)	1°50.00'N	104°46.86'E

**MRCC KLANG      (NM41/2003)**

<b>Delete</b>	Isolated Danger mark buoy	1°15.3'N	103°24.5'E
<b>Insert</b>	North Cardinal Mark buoy	1°15.5'N	103°25.3'E
	South Cardinal Mark Buoy	1°14.5'N	103°25.3'E
	East Cardinal Mark buoy, <b>Racon (D)</b>	1°15.0'N	103°25.8'E
	West Cardinal Mark buoy	1°15.0'N	103°24.8'E

**SECTION II  
SINGAPORE NOTICES**

<b>500</b>	<b>3Ed 15/10/02 Last NM 36/2003</b>	<b>MRCC KLANG</b>	<b>(NM41/2003)</b>
<b>Delete</b>	Isolated Danger mark buoy	1°15.3'N	103°24.5'E
<b>Insert</b>	North Cardinal Mark buoy	1°15.5'N	103°25.3'E
	South Cardinal Mark Buoy	1°14.5'N	103°25.3'E
	East Cardinal Mark buoy, <i>Racon (D)</i>	1°15.0'N	103°25.8'E
	West Cardinal Mark buoy	1°15.0'N	103°24.8'E

<b>502</b>	<b>2Ed 15/11/00 Last NM 32/2003</b>	<b>Singapore Telecom Ltd</b>	<b>*(NM38/2003)</b>
<b>Insert</b>	(APCN 2, S1) , submarine cable buried from position:	1°18.66'N	104°00.15'E
		1°18.52'N	104°00.32'E
		1°16.72'N	104°03.32'E
		1°16.00'N	104°03.94'E
		1°15.97'N	104°04.48'E
		1°15.92'N	104°04.58'E
		1°16.19'N	104°05.01'E
		1°16.43'N	104°07.53'E
		1°17.33'N	104°10.25'E
		1°18.38'N	104°15.06'E
		1°18.15'N	104°15.52'E
	(Chart border)	1°18.35'N	104°17.09'E

		<b>Singapore Telecom Ltd</b>	<b>*(NM39/2003)</b>
<b>Insert</b>	(APCN2, S8ABC), submarine cable buried from position:	1°16.00'N	104°03.94'E
		1°15.00'N	104°04.60'E
		1°14.49'N	104°05.30'E
		1°14.68'N	104°06.19'E
		1°14.94'N	104°08.29'E
		1°14.93'N	104°14.67'E
		1°14.66'N	104°15.41'E
		1°14.98'N	104°16.50'E
	(Chart border)	1°15.49'N	104°17.31'E

**SECTION II  
SINGAPORE NOTICES**

<b>503</b>	<b>1Ed 01/10/98 Last NM 9/2003</b>	<b>Singapore Telecom Ltd</b>	<b>*(NM38/2003)</b>
<b>Insert</b>	(APCN2, S1), submarine cable buried from position:		
		1°17.69'N	104°11.89'E
		1°18.38'N	104°15.06'E
		1°18.15'N	104°15.52'E
		1°18.35'N	104°17.37'E
		1°18.29'N	104°17.71'E
		1°18.36'N	104°18.41'E
		1°18.96'N	104°19.59'E
		1°22.69'N	104°24.44'E
		1°22.83'N	104°24.53'E
		1°24.07'N	104°24.51'E
		1°24.15'N	104°24.51'E
		1°27.10'N	104°27.80'E
		1°28.38'N	104°28.69'E
		1°29.20'N	104°29.02'E
		1°38.29'N	104°30.18'E
		1°40.97'N	104°30.57'E
	(Chart border)	1°41.06'N	104°30.58'E

		<b>Singapore Telecom Ltd</b>	<b>*(NM39/2003)</b>
<b>Insert</b>	(APCN2, S8ABC), submarine cable buried from position:		
		1°14.93'N	104°11.89'E
		1°14.93'N	104°14.67'E
		1°14.66'N	104°15.41'E
		1°14.98'N	104°16.50'E
		1°17.47'N	104°20.28'E
		1°17.64'N	104°20.42'E
		1°18.44'N	104°20.52'E
		1°19.07'N	104°21.00'E
		1°20.63'N	104°23.21'E
		1°20.99'N	104°23.44'E
		1°21.24'N	104°23.69'E
		1°22.69'N	104°25.74'E
		1°23.48'N	104°27.74'E
		1°28.60'N	104°34.68'E
		1°31.85'N	104°36.76'E
		1°32.82'N	104°37.09'E
	(Chart border)	1°34.78'N	104°38.17'E

**SECTION II**  
**TEMPORARY AND PRELIMINARY NOTICES**

**SP1, GSP1**      **5Ed 15/10/02**      **PMN No. 36 OF 2003**      **\*(NM42T/2003)**

<b>Insert</b>	Working area at Tuas View Extension :		
	Pecked line joining positions	1°13.04'N	103°37.56'E
		1°12.92'N	103°38.05'E
		1°12.64'N	103°38.18'E
		1°12.77'N	103°37.69'E
	East Cardinal pillar light – buoy, <b>PKHDB-23,</b> <b>VQ(3).5s</b>	1°12.58'N	103°38.21'E

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**500**      **3Ed 15/10/02**      **PMN No. 36 OF 2003**      **\*(NM42T/2003)**

<b>Insert</b>	Working area at Tuas View Extension :		
	Pecked line joining positions	1°13.04'N	103°37.56'E
		1°12.92'N	103°38.05'E
		1°12.64'N	103°38.18'E
		1°12.77'N	103°37.69'E
	East Cardinal pillar light – buoy, <b>PKHDB-23,</b> <b>VQ(3).5s</b>	1°12.58'N	103°38.21'E

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**501**      **2Ed 15/11/00**      **PMN No. 36 OF 2003**      **\*(NM42T/2003)**

<b>Insert</b>	Working area at Tuas View Extension :		
	Pecked line joining positions	1°13.04'N	103°37.56'E
		1°12.92'N	103°38.05'E
		1°12.64'N	103°38.18'E
		1°12.77'N	103°37.69'E
	East Cardinal pillar light – buoy, <b>PKHDB-23,</b> <b>VQ(3).5s</b>	1°12.58'N	103°38.21'E

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**SECTION III  
MARINE INFORMATION**

**\*(NM43/2003) UPDATING OF PUBLICATION “YEAR 2003 SINGAPORE TIDE TABLES AND PORT INFORMATION”**

**Amend the following:**

- 1 Page 351 - BRANI TERMINAL ( PSA Corporation Ltd) (1°15.7'N, 103°50.2'E)

<b>Berth</b>	<b>Former Depth Alongside (Year Surveyed)</b>	<b>New Depth Alongside (Year Surveyed)</b>
B8	15.0m (2000)	12.8m (2002) *

Source: HY Code: B00103102

- 2 Page 349 - 18 JURONG ISLAND ( POWERSERAYA LTD) (1°17.1'N, 103°43.5'E)

<b>Berth</b>	<b>Former Controlling Depth In Approaches</b>	<b>Former Controlling Depth In Approaches</b>
1	12.6m	12.8m *

Source: HY Code: C00103701

Note: \* Indicates amendments/additions/deletions

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**SECTION III  
MARINE INFORMATION****\*(NM44/2003) UPDATING OF PUBLICATION “ CHARTS FOR SMALL CRAFT – SINGAPORE STRAIT  
AND ADJACENT WATERWAY – 2003 EDITION ”**

SC7 - WEST JOHOR STRAIT, PUTRI NARROW

Delete	Off Tanjong Buloh and Causeway Shoal		
	Symbol for Water Skiing in positions	1°26.88'N	103°43.20'E
		1°26.68'N	103°45.42'E

Source: PMC No. 23 of 2001

**SECTION IV**  
**REPRINT OF RADIO NAVIGATIONAL WARNINGS**

Nil

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

Nil

**HYDROGRAPHIC NOTE**

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

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 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.