



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.

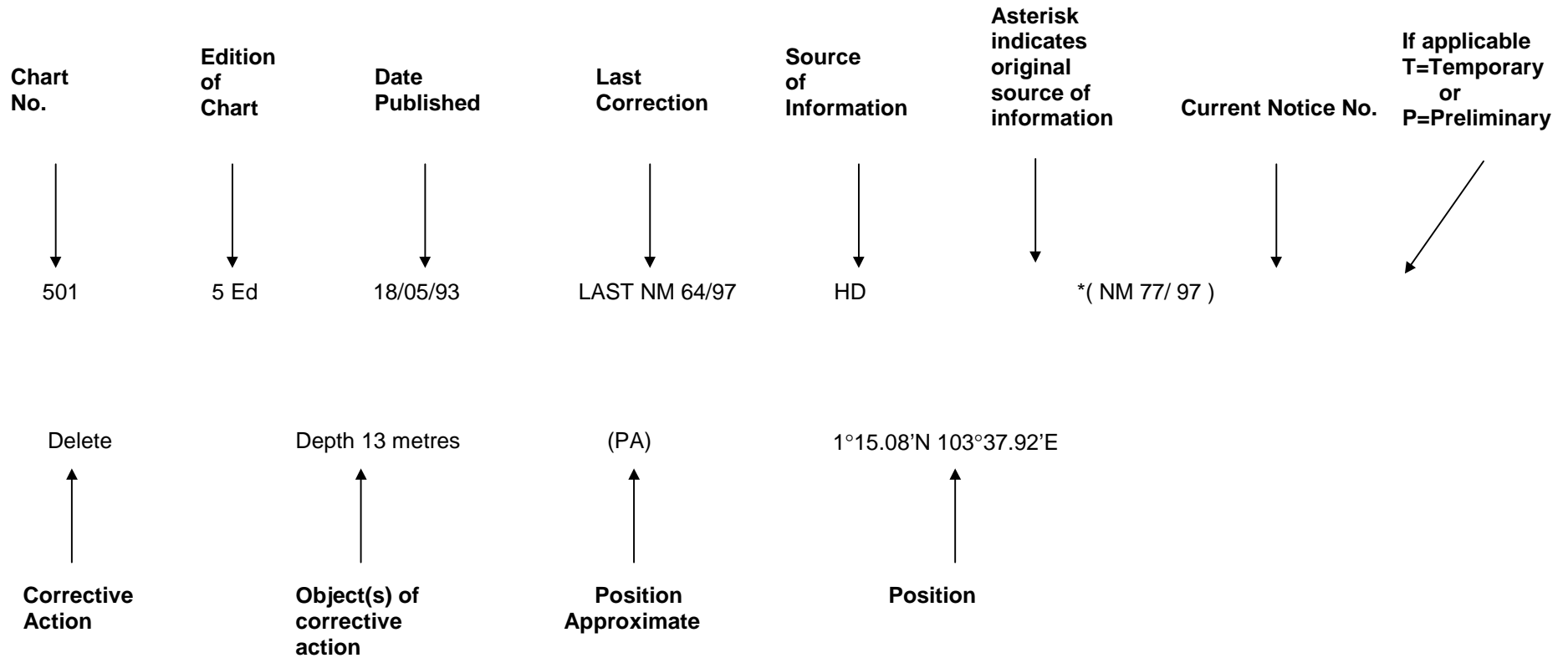
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WILSON CHUA
Chief Hydrographer

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
*54	SP1/GSP1	70			
	301	70			
	501	71			
*55	112	70			
56	202	70			
	503	71			
*57	302	70			
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*58P	SP1/GSP1	72			
	202	72			
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	502	75			
	503	76			
*59	Updating of "Year 2002 Singapore Tide Tables and Port Information" publication	78			

**SECTION II
SINGAPORE NOTICES**

SP1/GSP1	4Ed 27/09/01 Last NM 50/2002	HD/DB34/36-2002	*(NM54/2002)
Insert	Mooring buoy	1°13.35' N	103°44.38' E
<hr/>			
112	1Ed 01/08/98 Last NM 95/2000	HD/DB67/01-2002	*(NM55/2002)
Delete	Symbol for floating dock, <i>Floating Dock 1</i>	1°28.120' N	103°49.726'
112 (Inset Plan)			
Delete	Symbol for floating dock, <i>Floating Dock 1</i>	1°28.120' N	103°49.726'
<hr/>			
202	3Ed 02/01/02 Last NM 39/2002	BA NM No.10/1053/02	(NM56/2002)
Insert	M	1°14.76' N	104°25.33' E
	M	1°15.60' N	104°28.45' E
	M	1°15.92' N	104°31.67' E
	M	1°17.09' N	104°35.11' E
<hr/>			
301	4Ed 27/09/01 Last NM 50/2002	HD/DB34/36-2002	*(NM54/2002)
Insert	Mooring buoy, <i>BOS-1</i>	1°13.35' N	103°44.38' E
<hr/>			
302	3Ed 15/11/00 Last NM 50/2002	HD/HY Code N00107802	*(NM57/2002)
Substitute	Depth 14.6 metres for 13.4 metres	1°19.12' N	104°04.04' E
Delete	Depth <i>14.9 metres</i> together with the enclosed 15 metre depth contour	1°19.02' N	104°04.48' E
Delete	Depth <i>14.8 metres</i> together with the enclosed 15 metre depth contour	1°18.91' N	104°04.65' E
<hr/>			

**SECTION II
SINGAPORE NOTICES**

303	1Ed 01/10/98 Last NM 49/2002	HD/HY Code N00107802	*(NM57/2002)
Substitute	Depth 14.6 metres for 13.4 metres	1°19.12' N	104°04.04' E
Delete	Depth <i>14.9 metres</i> together with the enclosed 15 metre depth contour	1°19.02' N	104°04.48' E
Delete	Depth <i>14.8 metres</i> together with the enclosed 15 metre depth contour	1°18.91' N	104°04.65' E
<hr/>			
501	2Ed 15/11/00 Last NM 50/2002	HD/DB34/36-2002	*(NM54/2002)
Insert	Mooring buoy	1°13.35' N	103°44.38' E
<hr/>			
503	1Ed 01/10/98 Last NM 31/2002	BA NM No.10/1053/02	(NM56/2002)
Insert	M	1°14.76' N	104°25.33' E
	M	1°15.60' N	104°28.45' E
	M	1°15.92' N	104°31.67' E
	M	1°17.09' N	104°35.11' E
<hr/>			

SECTION II
TEMPORARY AND PRELIMINARY NOTICES

SP1/GSP1	4Ed 27/09/01	Singapore Telecommunication Ltd	*(NM58P/2002)		
Insert	Symbol for submarine cable joining positions (Chart border)	1°18.68' N	104°00.23' E		
		1°18.56' N	104°00.36' E		
		1°17.23' N	104°02.62' E		
		1°16.95' N	104°03.10' E		
		1°16.89' N	104°03.39' E		
		1°16.64' N	104°03.72' E		
		1°16.71' N	104°06.40' E		
		1°16.67' N	104°06.62' E		
		1°16.55' N	104°06.98' E		
		1°16.65' N	104°07.11' E		
		1°16.60' N	104°07.20' E		
		Insert	Symbol for submarine cable joining positions (Chart border)	1°16.64' N	104°03.72' E
				1°16.27' N	104°04.17' E
1°15.21' N	104°05.15' E				
1°14.80' N	104°05.44' E				
1°14.58' N	104°05.73' E				
1°14.47' N	104°05.98' E				
1°14.37' N	104°06.74' E				
1°14.37' N	104°07.20' E				

202	3Ed 02/01/02	Singapore Telecommunication Ltd	*(NM58P/2002)
Insert	Symbol for submarine cable joining positions	1°18.68' N	104°00.23' E
		1°18.56' N	104°00.35' E
		1°16.95' N	104°03.10' E
		1°16.89' N	104°03.39' E
		1°16.64' N	104°03.72' E
		1°16.68' N	104°05.51' E
		1°16.71' N	104°06.40' E
		1°16.55' N	104°06.98' E
		1°16.52' N	104°07.55' E
		1°16.36' N	104°07.81' E
		1°16.39' N	104°08.47' E
		1°16.97' N	104°10.00' E
		1°17.06' N	104°10.42' E
		1°17.19' N	104°12.44' E
		1°17.30' N	104°12.86' E
		1°17.32' N	104°13.20' E
		1°17.27' N	104°13.65' E
		1°17.36' N	104°15.00' E
		1°17.34' N	104°16.50' E
		1°17.41' N	104°17.13' E

SECTION II
TEMPORARY AND PRELIMINARY NOTICES

Insert	Symbol for submarine cable joining positions	1°17.56' N	104°17.48' E
		1°18.30' N	104°18.61' E
		1°19.09' N	104°20.23' E
		1°22.34' N	104°21.86' E
		1°22.17' N	104°24.25' E
		1°22.71' N	104°24.84' E
		1°24.07' N	104°26.68' E
		1°24.40' N	104°26.97' E
		1°24.61' N	104°27.24' E
		1°24.81' N	104°27.63' E
		1°29.11' N	104°33.15' E
		1°29.59' N	104°33.49' E
		1°30.37' N	104°33.56' E
		1°31.50' N	104°33.50' E
		1°32.30' N	104°33.32' E
		1°32.85' N	104°33.30' E
		1°33.69' N	104°33.48' E
		1°36.17' N	104°34.35' E
		1°36.72' N	104°34.58' E
		(Chart border)	1°46.05' N
	1°50.00' N	104°39.44' E	

Insert	Symbol for submarine cable joining positions	1°16.64' N	104°03.72' E
		1°16.27' N	104°04.17' E
		1°15.64' N	104°04.75' E
		1°15.21' N	104°05.15' E
		1°14.68' N	104°05.57' E
		1°14.47' N	104°05.98' E
		1°14.37' N	104°06.74' E
		1°14.37' N	104°08.50' E
		1°14.28' N	104°09.01' E
		1°14.30' N	104°15.00' E
		1°14.73' N	104°16.67' E
		1°15.74' N	104°19.56' E
		1°17.24' N	104°21.40' E
		1°18.00' N	104°22.56' E
		1°18.52' N	104°23.14' E
		1°19.47' N	104°23.52' E
		1°19.87' N	104°23.78' E
		1°20.09' N	104°24.00' E
		1°20.61' N	104°25.03' E
		1°22.00' N	104°26.99' E
		1°22.47' N	104°27.54' E
		1°23.59' N	104°29.34' E
		1°24.00' N	104°30.28' E
		1°24.49' N	104°31.00' E
		1°24.99' N	104°31.53' E
		1°25.95' N	104°33.00' E

SECTION II
TEMPORARY AND PRELIMINARY NOTICES

Insert	Symbol for submarine cable joining positions	1°28.87' N	104°37.62' E	
		1°30.00' N	104°39.00' E	
		1°31.66' N	104°40.31' E	
		1°42.90' N	104°45.10' E	
		1°48.35' N	104°48.60' E	
		(Chart border)	1°49.07' N	104°48.89' E

302	3Ed 15/11/00	Singapore Telecommunication Ltd	*(NM58P/2002)	
Insert	Symbol for submarine cable joining positions	1°18.68' N	104°00.23' E	
		1°18.56' N	104°00.36' E	
		1°18.43' N	104°00.58' E	
		1°17.64' N	104°01.90' E	
		1°17.26' N	104°02.56' E	
		1°17.23' N	104°02.62' E	
		1°17.00' N	104°02.99' E	
		1°16.95' N	104°03.10' E	
		1°16.89' N	104°03.39' E	
		1°16.79' N	104°03.54' E	
		1°16.70' N	104°03.64' E	
		1°16.67' N	104°03.68' E	
		1°16.64' N	104°03.72' E	
		(Chart border)	1°16.68' N	104°05.51' E
			1°16.70' N	104°06.09' E
Insert	Symbol for submarine cable joining positions	1°16.64' N	104°03.72' E	
		1°16.27' N	104°04.17' E	
		1°15.21' N	104°05.15' E	
		1°14.80' N	104°05.44' E	
		1°14.68' N	104°05.57' E	
		1°14.56' N	104°05.76' E	
		(Chart border)	1°14.46' N	104°06.00' E
	1°14.45' N	104°06.09' E		

303	1Ed 01/10/98	Singapore Telecommunication Ltd	*(NM58P/2002)
Insert	Symbol for submarine cable joining positions	1°18.68' N	104°00.23' E
		1°18.56' N	104°00.35' E
		1°17.64' N	104°01.90' E
		1°17.26' N	104°02.56' E
		1°17.23' N	104°02.62' E
		1°17.00' N	104°02.99' E
		1°16.95' N	104°03.10' E

SECTION II
TEMPORARY AND PRELIMINARY NOTICES

Insert	Symbol for submarine cable joining positions	1°16.89' N	104°03.39' E	
		1°16.73' N	104°03.58' E	
		1°16.70' N	104°03.64' E	
		1°16.64' N	104°03.72' E	
		1°16.68' N	104°05.51' E	
		1°16.71' N	104°06.40' E	
		1°16.68' N	104°06.62' E	
		1°16.62' N	104°06.72' E	
		1°16.55' N	104°06.98' E	
		1°16.65' N	104°07.11' E	
		1°16.54' N	104°07.31' E	
		1°16.52' N	104°07.55' E	
		1°16.46' N	104°07.62' E	
		1°16.36' N	104°07.81' E	
		1°16.34' N	104°08.07' E	
		1°16.39' N	104°08.47' E	
		1°16.57' N	104°08.95' E	
		(Chart border)	1°16.70' N	104°09.29' E
Insert	Symbol for submarine cable joining positions	1°16.64' N	104°03.72' E	
		1°16.27' N	104°04.17' E	
		1°15.21' N	104°05.15' E	
		1°14.80' N	104°05.44' E	
		1°14.68' N	104°05.57' E	
		1°14.56' N	104°05.76' E	
		1°14.46' N	104°06.00' E	
		(Chart border)	1°14.40' N	104°06.41' E

502	2Ed 15/11/00	Singapore Telecommunication Ltd	*(NM58P/2002)
Insert	Symbol for submarine cable joining positions	1°18.68' N	104°00.23' E
		1°18.56' N	104°00.35' E
		1°17.64' N	104°01.90' E
		1°17.26' N	104°02.56' E
		1°17.23' N	104°02.62' E
		1°17.00' N	104°02.99' E
		1°16.95' N	104°03.10' E
		1°16.89' N	104°03.39' E
		1°16.75' N	104°03.58' E
		1°16.70' N	104°03.64' E
		1°16.64' N	104°03.72' E
		1°16.68' N	104°05.51' E
		1°16.71' N	104°06.40' E
		1°16.68' N	104°06.56' E
		1°16.55' N	104°06.98' E
		1°16.65' N	104°07.11' E
		1°16.54' N	104°07.31' E
		1°16.52' N	104°07.55' E
Insert	Symbol for submarine cable joining positions	1°16.36' N	104°07.81' E
		1°16.34' N	104°08.07' E

SECTION II
TEMPORARY AND PRELIMINARY NOTICES

		1°16.39' N	104°08.47' E
		1°16.97' N	104°10.00' E
		1°17.06' N	104°10.42' E
		1°17.19' N	104°12.44' E
		1°17.30' N	104°12.86' E
		1°17.32' N	104°13.20' E
		1°17.27' N	104°13.65' E
		1°17.36' N	104°15.00' E
		1°17.34' N	104°16.50' E
		1°17.41' N	104°17.13' E
	(Chart border)	1°17.48' N	104°17.31' E
Insert	Symbol for submarine cable joining positions	1°16.64' N	104°03.72' E
		1°16.27' N	104°04.17' E
		1°15.21' N	104°05.15' E
		1°14.80' N	104°05.44' E
		1°14.68' N	104°05.57' E
		1°14.56' N	104°05.76' E
		1°14.47' N	104°05.98' E
		1°14.39' N	104°06.46' E
		1°14.37' N	104°06.69' E
		1°14.37' N	104°08.50' E
		1°14.28' N	104°09.01' E
		1°14.30' N	104°15.00' E
		1°14.73' N	104°16.67' E
	(Chart border)	1°14.95' N	104°17.31' E

503	1Ed 01/10/98	Singapore Telecommunication Ltd	*(NM58P/2002)
Insert	Symbol for submarine cable joining positions (Chart border)	1°17.15' N	104°11.89' E
		1°17.19' N	104°12.44' E
		1°17.30' N	104°12.86' E
		1°17.32' N	104°13.20' E
		1°17.27' N	104°13.65' E
		1°17.36' N	104°15.00' E
		1°17.34' N	104°16.50' E
		1°17.41' N	104°17.13' E
		1°17.53' N	104°17.38' E
		1°17.56' N	104°17.48' E
		1°17.85' N	104°17.86' E
		1°18.30' N	104°18.61' E
		1°22.34' N	104°21.86' E
		1°22.17' N	104°24.25' E
		1°22.71' N	104°24.84' E
		1°23.01' N	104°25.33' E
		1°24.07' N	104°26.68' E
		1°24.40' N	104°26.97' E

SECTION II TEMPORARY AND PRELIMINARY NOTICES

Insert	Symbol for submarine cable joining positions	1°24.81' N	104°27.63' E		
		1°29.11' N	104°33.15' E		
		1°29.27' N	104°33.29' E		
		1°29.59' N	104°33.49' E		
		1°29.91' N	104°33.58' E		
		1°30.10' N	104°33.56' E		
		1°30.64' N	104°33.54' E		
		1°31.50' N	104°33.50' E		
		1°32.14' N	104°33.34' E		
		1°32.85' N	104°33.30' E		
		1°33.63' N	104°33.46' E		
		1°36.21' N	104°34.40' E		
		(Chart border)	1°41.06' N	104°36.17' E	
		Insert	Symbol for submarine cable joining positions (Chart border)	1°14.29' N	104°11.89' E
				1°14.30' N	104°15.00' E
1°14.73' N	104°16.67' E				
1°15.74' N	104°19.56' E				
1°15.90' N	104°19.84' E				
1°17.24' N	104°21.40' E				
1°18.00' N	104°22.56' E				
1°18.52' N	104°23.14' E				
1°19.47' N	104°23.52' E				
1°19.87' N	104°23.78' E				
1°20.09' N	104°24.00' E				
1°20.61' N	104°25.03' E				
1°21.90' N	104°26.86' E				
1°22.47' N	104°27.54' E				
1°23.59' N	104°29.34' E				
1°24.00' N	104°30.28' E				
1°24.49' N	104°31.00' E				
1°24.99' N	104°31.53' E				
1°25.95' N	104°33.00' E				
1°28.13' N	104°36.44' E				
1°28.87' N	104°37.62' E				
(Chart border)	1°29.33' N	104°38.17' E			

**SECTION III
MARINE INFORMATION**

***(NM59/2002) UPDATING OF PUBLICATION "YEAR 2002 SINGAPORE TIDE TABLES AND PORT INFORMATION"**

1 Page 337 - JURONG ISLAND (OILTANKING (S) LTD) (1°16.3'N, 103°44.3'E)

Insert:

Berth	Length of Berth	Depth Alongside (Year surveyed)	Controlling Depth In Approaches
11	270m	14.4m (2002)	-
*	*	*	*
12	266m	13.4m (2002)	-
*	*	*	*

Source : HY Code E00115302

2 Page 317 – SINKI FAIRWAY

NAME OF BEACON/ BUOY	POSITION IN WGS 84			STRUCTURE COLOUR & SHAPE	LIGHT CHARACTERISTICS
	LAT.	N	LONG. E		
VLCC 101 Light	01°13.516'		103°40.658'	Yellow pole on jetty end	Fl.Y.3s5m3M
*	*		*	*	*
VLCC 102 Light	01°13.675'		103°40.816'	Yellow pole on jetty end	Fl.Y.5s5m3M
*	*		*	*	*
VLCC 201 Light	01°13.704'		103°40.845'	Yellow pole on jetty end	Fl.Y.7s5m3M
*	*		*	*	*
VLCC 202 Light	01°13.863'		103°41.002'	Yellow pole on jetty end	Fl.Y.9s5m3M
*	*		*	*	*
East Seraya Light	01°16.402'		103°44.481'	Yellow pole	Fl.Y.6s5m3M
*	*		*	*	*

Note: * Indicates amendments/additions/deletions

**SECTION III
MARINE INFORMATION**

3 Page 313 – SULTAN FAIRWAY

NAME OF BEACON/ BUOY	POSITION IN WGS 84			STRUCTURE COLOUR & SHAPE	LIGHT CHARACTERISTICS
	LAT.	N	LONG. E		
Delete from list:					
West Tuas Buoy	01 14.997		103 36.635	Double black cones topmark point to point on yellow with a single broad horizontal black band pillar	Q(9)W.15s
*	*		*	*	*
Tuas View Buoy	01 15.851		103 38.412	Red can	Fl.R.5s
*	*		*	*	*
Sultan A Buoy	01 14.253		103 36.342	Green conical	Fl.G.5s
*	*		*	*	*
Sultan B Buoy	01 14.503		103 36.860	Green conical	Fl(2)G.10s
*	*		*	*	*
Sultan C Buoy	01 14.687		103 37.243	Green conical	Fl(3)G.10s
*	*		*	*	*
North Sultan Buoy	01 15.308		103 38.538	Double black cones topmark points upward on black above yellow pillar	QW
*	*		*	*	*

Note: * Indicates amendments/additions/deletions

**SECTION III
MARINE INFORMATION**

4 Page 313 –

NAME OF BEACON/ BUOY	POSITION IN WGS 84		STRUCTURE COLOUR & SHAPE	LIGHT CHARACTERISTICS
	LAT. (N)	LONG. (E)		

Insert:

TEMASEK FAIRWAY

Temasek Buoy *	01 14.023 *	103 39.385 *	Red can *	Fl.R.2s *
Tuas View Buoy *	01 15.889 *	103 38.495 *	Red can *	Fl.R.5s *
Jurong Empat Buoy *	01 15.933 *	103 39.102 *	Double black cones topmark point to point on yellow with a single broad horizontal black band pillar *	Q(9)W.15s *
Jurong Tiga Buoy *	01 15.268 *	103 39.420 *	Green conical *	Fl.G.6s *
Jurong Dua Buoy *	01 14.670 *	103 39.704 *	Green conical *	Fl.G.4s *
Jurong Satu Buoy *	01 14.071 *	103 39.990 *	Green conical *	Fl.G.2s *

Note: * Indicates amendments/additions/deletions

SECTION IV
REPRINT OF RADIO NAVIGATIONAL WARNINGS

Nil

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

- 88*/02 SINGAPORE STRAIT – Singapore – Tuas Bay – South Quay – Alongside depth**
- Amend** Legend to, 8.0m (2001) 1°18'.050N., 103°39'.000E.
- Chart** [*Last correction*]. – 4033 [*New Chart 27/9/01*]
-
- 89*/02 SINGAPORE STRAIT – Singapore – Jurong Island – Sakra Basin Southwards – Alongside depth**
- Amend** Legend to, 12.9m (2001) 1°15'.292N., 103°42'.652E.
- Chart** [*Last correction*]. – 4032 [*4380/01*]
-
- 90*/02 SINGAPORE STRAIT – Singapore – Cruise Bay Northwards – Selat Chermin – Works**
- Insert** Limit of works area, pecked line, joining: (a) 1°15'.860N., 103°48'.908E.
 (shore)
 1°15'.840N., 103°48'.858E.
 1°15'.933N., 103°48'.742E.
 1°15'.933N., 103°48'.667E.
 1°15'.858N., 103°48'.625E.
 1°15'.892N., 103°48'.567E.
 (b) 1°15'.906N., 103°48'.575E.
 (shore)
 Within (a)-(b) above
- Legeng, *Works in progress* (2001)
- Chart** [*Last correction*]. – 4035 [*5005/01*]
-
- 91*/02 SINGAPORE STRAIT – Singapore – Pulau Bukom Eastwards and Southeastwards – Jong Fairway – Depths**
- Insert** depth 15m enclosed by 15m contour (a) 1°14'.037N., 103°47'.043E.
 depth 15.3m (b) 1°12'.991N., 103°48'.199E.
- Delete** depth 14.7m and associated 15m contour (c) Close W. of (a) above
 depth 14.5m and associated 15m contour (c) Close N. of (a) above
- Chart** [*Last correction*]. – 4035 [*90/02*]
-
- 92*/02 SINGAPORE STRAIT – Singapore – Pulau Sebarok - Legeng**
- Amend** Legend to, *Vopak Terminals (s) Pte Ltd*, centred on: (a) 1°12'.192N., 103°47'.920E.
- Chart** [*Last correction*]. – 4035 [*91/02*]
-
- 368*/02 SINGAPORE STRAIT – Singapore – Sinki Fairway – Jurong Island, South Coast – Terumbu Serebut**
- Delete** CC1 light-buoy, Fl.Y.4s 1°14'.77N., 103°41'.87E.
- Chart** [*Last correction*]. – 4031 [*4381/01*] – 4032 [*89/02*]
-
- 369*/02 SINGAPORE STRAIT – Singapore – Main Strait – Pulau Sakeng Southwards - Legend**
- Amend** Legend to, *Spoil Ground* (a) 1°11'.79N., 103°47'.00E.
 (d) 1°11'.62N., 103°46'.77E.
- Chart** [*Last correction*]. – 4035 (a) [*92/02*] – 4036 (d) [*New chart 13/12/01*]

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

370*/02 SINGAPORE STRAIT – Singapore – Pulau Bukom Eastwards – Depths

Insert	depth 15.2m	(a)	1°13'.983N.,	103°47'.090E.
Delete	depth 14.7m enclosed by 15m contour	(c)	Close NW. of (a) above	

Chart [*Last correction*]. – **4035** (a,c)[369/02]

409*/02 SINGAPORE STRAIT – Singapore – Tuas Bay-Southern Tuas Basin-Depths; Drying heights; Coastline

Insert	The accompanying block, showing amendments to depths, drying heights and coastline, centred on: (Accompanying block is available with Admiralty Notices to Mariners)		1°18'.367N.,	103°39'.129E.
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Chart [*Last correction*]. – **4033** [88/02]

410*/02 SINGAPORE STRAIT – Singapore – Damar Laut Basin and East Jurong Channel – Alongside depths;

Insert	The accompanying block, showing amendments to alongside depths, and depths, centred on: (Accompanying block is available with Admiralty Notices to Mariners)		1°18'.38N.,	103°42'.95E.
Amend	Alongside depth to, 13.3m (2001) centred on:		1°17'.68N.,	103°44'.27E.
	Alongside depth to, 14.6m (2001) centred on:		1°17'.60N.,	103°44'.44E.

Chart [*Last correction*]. – **4034** [New Chart 11/10/01]

470*/02 SINGAPORE STRAIT – Singapore – Pasir Panjang Terminal - Light-beacons; Buoyage

Insert	Starboard-hand light-beacon with topmark , <i>Fl.G.5s5m3M</i> <i>PPT-1</i>		1°17'.084N.,	103°45'.205E.
	Starboard-hand light-beacon with topmark , <i>Fl.G.10s5m3M</i> <i>PPT-2</i>		1°17'.112N.,	103°45'.385E.
Delete	Hk-2 light-buoy, Fl.Y.6s		1°17'.242N.,	103°45'.098E.
	Hk-4 light-buoy, Fl.Y.2s		1°17'.293N.,	103°45'.419E.
	Hk-3 light-buoy, Fl.Y.4s		1°16'.884N.,	103°46'.101E.

Chart [*Last correction*]. – **4034** [410/02]

818*/02 SINGAPORE STRAIT – Singapore – Jurong Island Southwards - Works; Buoyage

Insert	Limit of works area, pecked line, joining:	(a)	1°13'.262N., (existing limit)	103°40'.407E.
		(b)	1°13'.175N.,	103°40'.270E.
Delete		(c)	1°13'.329N., (west border)	103°40'.200E.
		(d)	1°13'.502N.,	103°40'.121E.
		(e)	1°13'.675N., (west border)	103°40'.200E.
		(f)	1°13'.685N., (existing limit)	103°40'.214E.

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Insert	Special pillar light-buoy, <i>Fl.Y.4s PKDBH-1</i>	(g)	(d) above
Move	Special pillar light-buoy, <i>Fl.(4)Y.15s PKDBH-9</i> , from: to:	(h)	(a) above
Delete	Former limit of works area, pecked line, joining:	(i)	(b) above
		(j)	(a) above
		(k)	(f) above

Chart [*Last correction*]. – **4030** (a,b,d,f,k) [4381/01]- **4031** (a,b,d,f,k) [368/02]- **4032** (a-c,e,f,h-k) [368/02]

819*/02 SINGAPORE STRAIT – Singapore – Cruise Bay - P Keppel Southwestwards - Light-beacon

Delete	Keppel light-beacon	1°15'.752N.,	103°48'.589E.
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Chart [*Last correction*]. – **4034** [470/02]- **4035** [370/02]

820*/02 SINGAPORE STRAIT – Singapore – Gul Basin – Depths;

Insert	Depth 4.6m enclosed by 5m contour	(a)	1°17'.883N.,	103°40'.394E.
	Depth 6m	(b)	1°17'.685N.,	103°40'.749E.
Delete	Depth 5.2m		Close NW. of (a) above	
	Depth 6.2m		Close W. of (b) above	

Chart [*Last correction*]. – **4033** [409/02]

879*/02 SINGAPORE STRAIT – Singapore – Pasir Panjang - Coastline; Works; Depths; Buoy

Insert	Accompanying block, showing amendments to coastline, works and depths, centred on: (Accompanying block is available with Admiralty Notices to Mariners)	(a)	1°16'.856N.,	103°45'.438E.
Delete	Limit of working area, pecked line, joining:	(b)	1°16'.733N.,	103°44'.962E.
		(c)	1°16'.389N.,	103°45'.538E.
			(S. border of block)	
		(d)	1°15'.962N.,	103°46'.250E.
			(E. border)	
		(e)	1°16'.412N.,	103°45'.500E.
			(west border)	
		(f)	1°16'.300N.,	103°45'.690E.
			(N. border)	
		(g)	1°16'.036N.,	103°46'.130E.
			(E. border)	
		(h)	1°15'.946N.,	103°46'.279E.
		(i)	1°16'.476N.,	103°46'.594E.
		(j)	1°16'.531N.,	103°46'.501E.
			(shore)	
	HK-1 light-buoy, <i>Fl.Y.6s</i>	(k)	(h) above	
	Legend, Works in progress (2001), centred on:	(j)	1°16'.15N.,	103°46'.07E.
		(m)	1°16'.29N.,	103°46'.43E.
		(n)	1°16'.30N.,	103°45'.70E.
		(o)	1°16'.27N.,	103°46'.40E.
		(p)	1°16'.38N.,	103°45'.62E.

Chart [*Last correction*]. – **4032** (f,g,l) [818/02]- **4034** (a,c,h-k,m) [819/02]- **4035** (e,h-k,n,o) [818/02]

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FOR DUAL BADGED CHART

1247*/02 SINGAPORE STRAIT – Singapore – Jurong Island Eastwards – Buoy

Delete Seburus light-bouy 1°16'.393N., 103°44'.537E.

Chart [Last correction]. – 4034 [879/02]

1966*/02 SINGAPORE STRAIT – Singapore – Pasir Panjang Terminal Eastwards - Depth

Insert Depth 13.2m 1°16'.169N., 103°46'.737E.

Chart [Last correction]. – 4034 [1247/02]- 4035 [879/02]

1967*/02 SINGAPORE STRAIT – Singapore – Pulau Sebarok Northeastwards - Depth

Insert Depth 14.9m enclosed by 15m contour 1°12'.990N., 103°48'.259E.

Chart [Last correction]. – 4035[1966/02]- 4036[396/02]

1968*/02 SINGAPORE STRAIT – Singapore – Jurong Island Southwards - Depths

Insert Depth 17.5m (a) 1°13'.370N., 103°40'.315E.
Delete Depth 18.8m Close NW. of (a) above

Chart [Last correction]. – 4030[818/02]- 4031[818/02]- 4032[879/02]

1969*/02 SINGAPORE STRAIT – Singapore – Pulau Sudong Southwards – Anchorage area

Insert Limit of anchorage area, pecked line, joining: (a) 1°10'.915N., 103°42'.530E.
 (East border)
 1°11'.109N., 103°42'.384E.
 1°10'.649N., 103°42'.048E.
 (b) 1°10'.292N., 103°42'.530E.
 (E. border)
 Legend, *Sudong Explosive k* Within (a)-(b) above

Chart [Last correction]. – 4031 [1968/02]

1970*/02 SINGAPORE STRAIT – Singapore – Pulau Seringat, East Coast – Light-beacon

Insert Port-hand light-beacon, *F(2)R.10s5m3M Seringat*, 1°13'.912N., 103°51'.488E.
Delete Former Seringat light-beacon 1°13'.919N., 103°51'.507E.

Chart [Last correction]. – 4037 [New Chart 11/10/01]

1971*/02 SINGAPORE STRAIT – Singapore – Keppel Harbour – Pulau Brani – Alongside depths

Amend Legend to, 11.0m (2001) 1°15'.663N., 103°49'.529E.
 Legend to, 11.4m (2001) 1°15'.726N., 103°49'.637E.
 Legend to, 11.5m (2001) 1°15'.797N., 103°49'.762E.

Chart [Last correction]. – 4037[1970/02]

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)

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Details:-

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.....
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.....
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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.