



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.

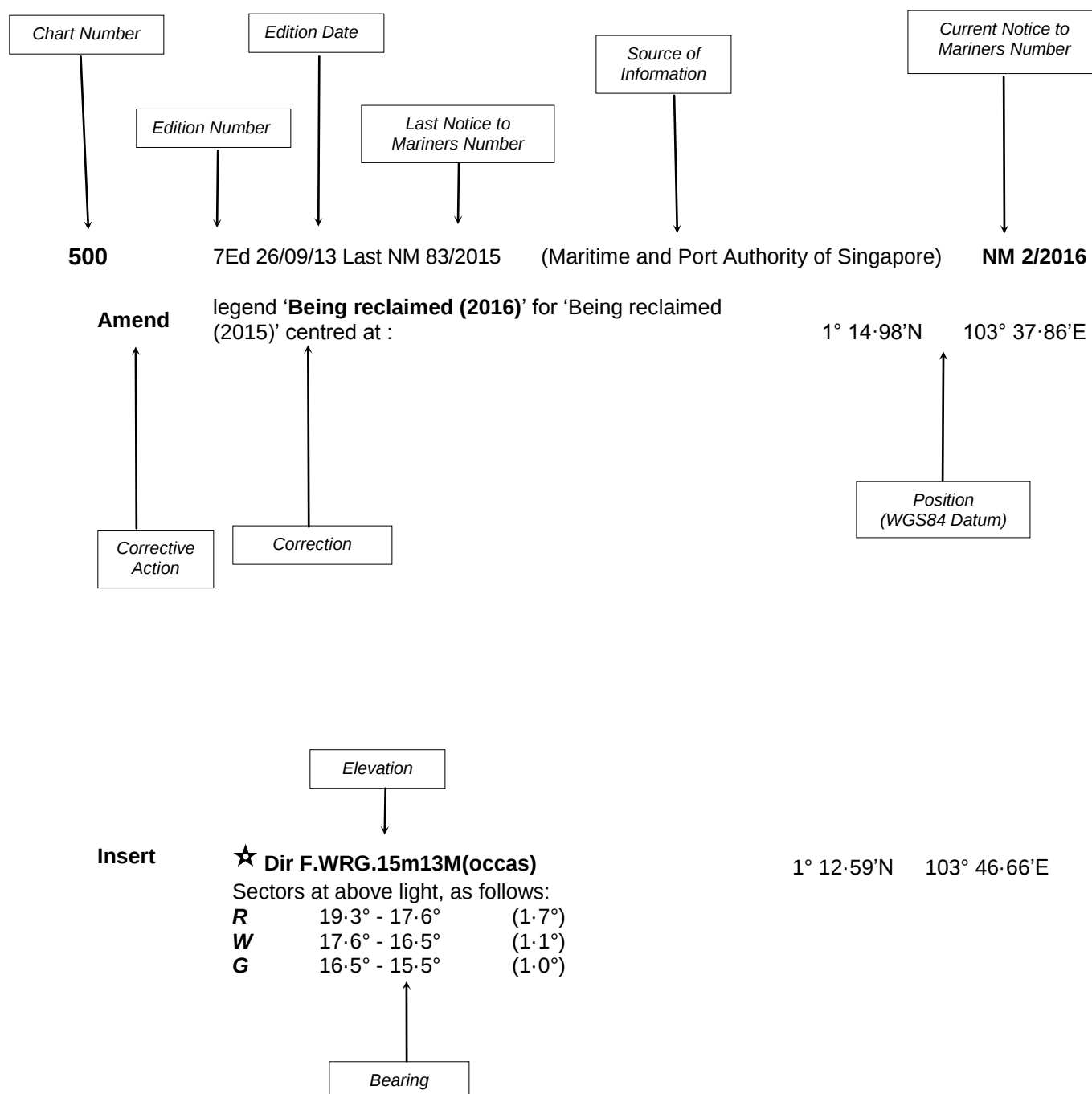
Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, immediately on the discovery of new dangers or suspected dangers to navigation and of changes or defects in aids to navigation. See Hydrographic Note on back page.

The monthly Singaporean Notices to Mariners can be accessed directly from the MPA website:
<http://www.mpa.gov.sg/web/portal/home/port-of-singapore/circulars-and-notices/singapore-notices-to-mariners-ntm>

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EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



Notes:

- Notice to Mariners number followed by:
T indicates a Temporary Notice (eg. **NM 3T/2016**).
P indicates a Preliminary Notice (eg. **NM 4P/2016**).
- Bearings are true reckoned clockwise from 000° to 359° ; those relating to lights are from seaward.
- Heights and elevations are above Mean High Water Springs.

I
INDEX OF CHARTS AND PUBLICATIONS

INDEX OF AFFECTED CHARTS

DESCRIPTION	NOTICE NO.	PAGE NO.
Index of Singaporean Charts	-	3, 4
Index of Dual-Badged Charts	-	5 to 7
Index of Singapore Electronic Navigational Chart (ENC)	-	8
New Edition Dual Badged Chart	-	9
New Edition Singapore ENC	-	9, 10
Singaporean Chart GSP1/SP1	*37, *38, *39, *40	11
Singaporean Chart 200	41, 42	11
Temporary and Preliminary Notices	-	12
Singapore Port Marine Notices/Circulars	*43	13
Singaporean Print-On-Demand (POD) Charts	*44	13
Amendments to Publications	*45	14 to 18
Reprint of Radio Navigational Warnings	-	19
Extract of Admiralty Notices to Mariners for Dual-Badged Charts	-	20 to 23
Singapore Electronic Navigational Chart (ENC) Distributors	-	24
Chart Distributors for the Maritime and Port Authority of Singapore Nautical Charts and Publications	-	25

*Source: Maritime and Port Authority of Singapore

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INDEX OF CHARTS AND PUBLICATIONS

INDEX OF NOTICES

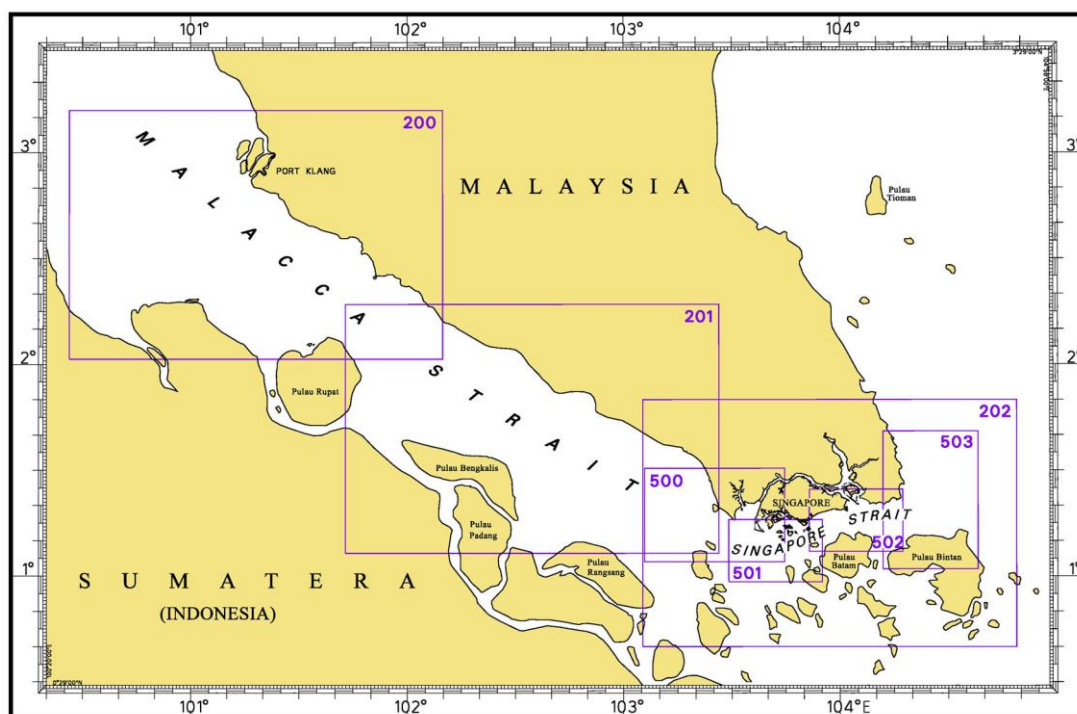
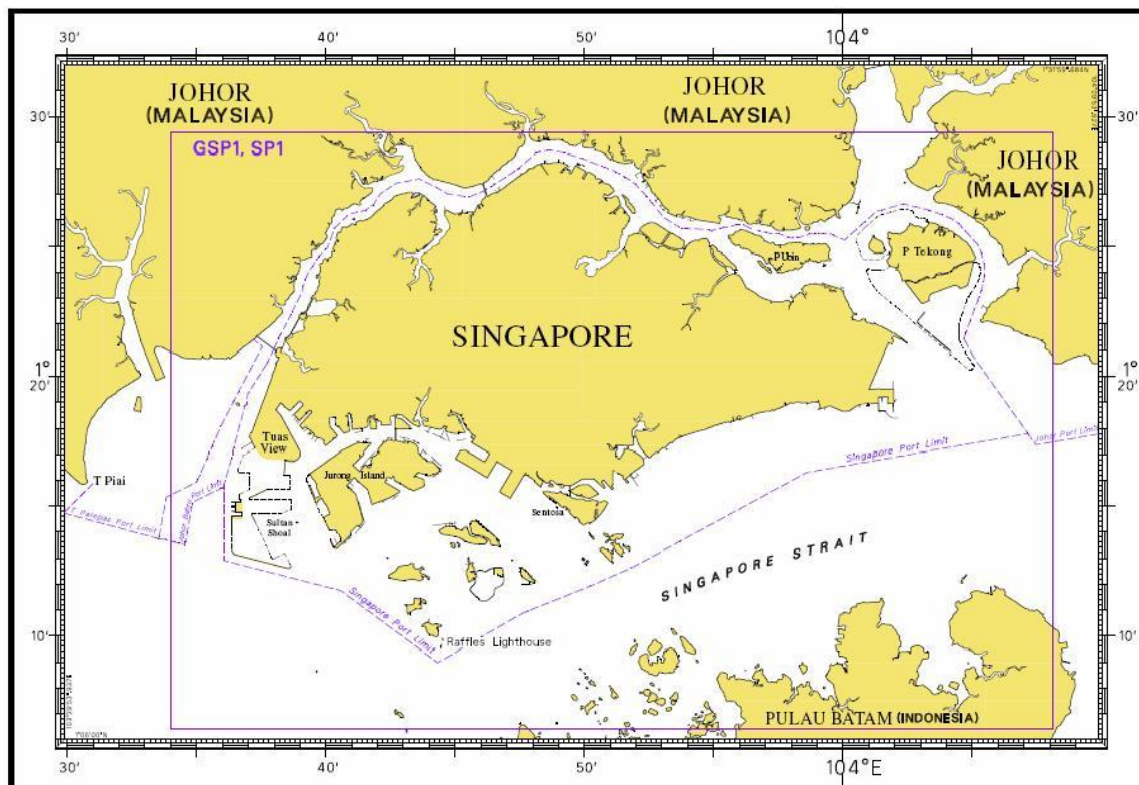
NOTICE NO.	DESCRIPTION	PAGE NO.
-	Index of Singaporean Charts	3, 4
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-	New Edition Dual Badged Chart	9
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*37, *38, *39, *40	Singaporean Chart GSP1/SP1	11
41, 42	Singaporean Chart 200	11
-	Temporary and Preliminary Notices	12
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* Source: Maritime and Port Authority of Singapore

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INDEX OF CHARTS AND PUBLICATIONS

INDEX OF SINGAPOREAN CHARTS



Notes:

Updated Singaporean Charts are available through our Print-On-Demand (POD) Chart Service. For more information, refer to Section III – Navigational Information. These charts can be purchased from our Chart Distributors.

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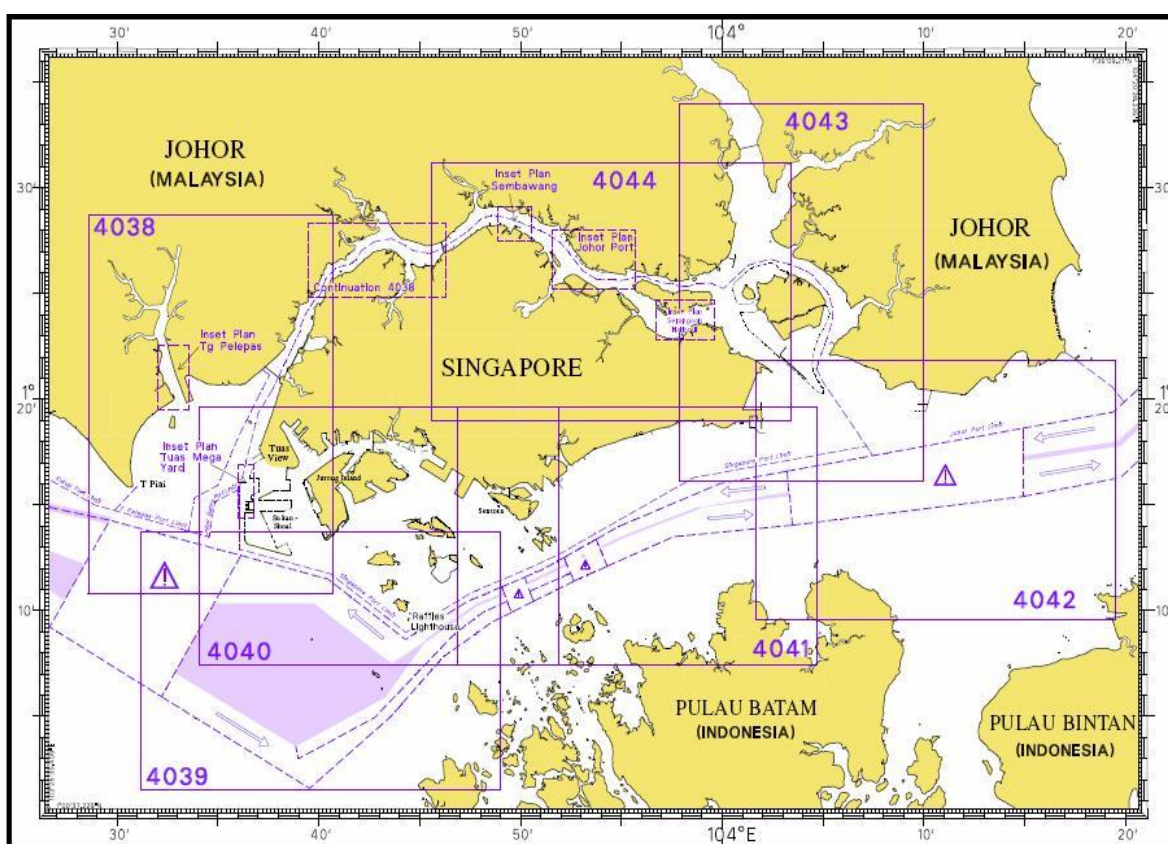
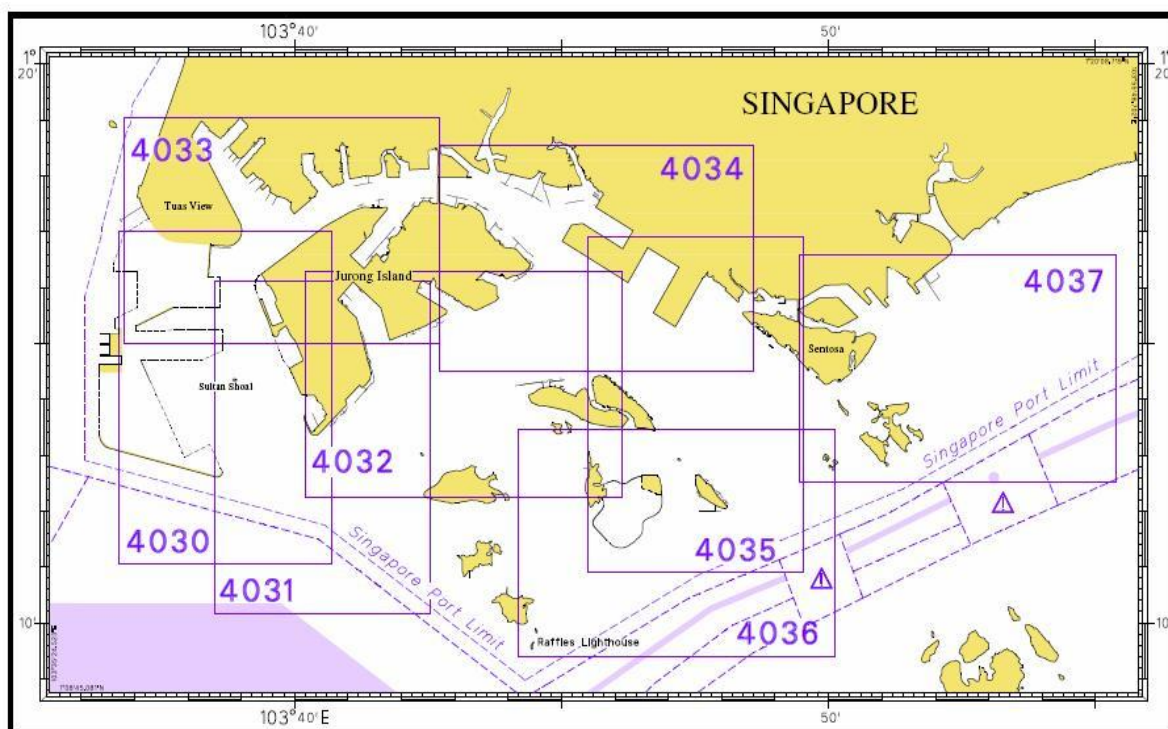
SINGAPOREAN CHARTS

Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
GSP1	Anchorage and Aids to Navigation (with Area Reference)	65 000	15/02/2016
SP1	Anchorage and Aids to Navigation	65 000	15/02/2016
200	Malacca Strait - Port Klang to Tanjung Keling	200 000	01/09/2015
201	Malacca Strait - Tanjung Keling to Western Entrance of Singapore Strait	200 000	15/08/2014
202	Singapore Strait	200 000	26/09/2013
500	Malacca and Singapore Straits – Pulau Pisang to Raffles Lighthouse	75 000	26/09/2013
501	Singapore Strait – Western Part	50 000	01/09/2015
502	Singapore Strait - Eastern Part	50 000	01/09/2015
503	South China Sea - Eastern Approaches and Entrance to Singapore Strait	75 000	15/08/2014
-	Charts for Small Craft – Singapore Port Waters and Approaches	10 000 to 200 000	January 2016
1	Symbols Abbreviations Terms and S-57 Objects used on Singapore Nautical and Electronic Navigational Charts. Available at MPA website: http://www.mpa.gov.sg/web/portal/home/publications/charts-symbols-and-abbreviations	-	28/07/2011

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DUAL-BADGED CHARTS



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INDEX OF CHARTS AND PUBLICATIONS

Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
4030	Port of Singapore West Jurong Anchorages and Temasek Fairway	10 000	17/03/2016
4031	Port of Singapore Western Approaches to Jurong Island	10 000	17/03/2016
4032	Port of Singapore Sinki Fairway	10 000	15/05/2014
4033	Port of Singapore Tuas Bay, West Jurong Channel and Pesek Basin	10 000	17/03/2016
4034	Port of Singapore East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway	10 000	28/05/2015
4035	Port of Singapore Western Anchorages, Jong Fairway and Cruise Bay	10 000	28/05/2015
4036	Port of Singapore Raffles Lighthouse to The Sisters	10 000	28/05/2015
4037	Port of Singapore Keppel Harbour, Tanjong Pagar Terminal and Approaches	10 000	28/05/2015
4038	Malaysia and Singapore Johor Strait – Western Part	30 000	25/02/2016
4039	Indonesia, Singapore and Malaysia Western Approaches to Main Strait	30 000	24/04/2014
4040	Singapore, Indonesia and Malaysia Tuas View to Pulau Sakijang Bendera (S. John's Island)	30 000	27/08/2015
4041	Singapore and Indonesia Pulau Sebarok to Changi	30 000	27/08/2015

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INDEX OF CHARTS AND PUBLICATIONS**DUAL- BADGED CHARTS**

Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
4042	Indonesia, Malaysia and Singapore Changi to Pulau Mungging and Tanjung Buntan to Tanjung Tondang	30 000	24/04/2014
4043	Malaysia and Singapore Kuala Johor and Sungai Johor	30 000	09/04/2015
4044	Singapore and Malaysia Johor Strait - Eastern Part	30 000	09/04/2015

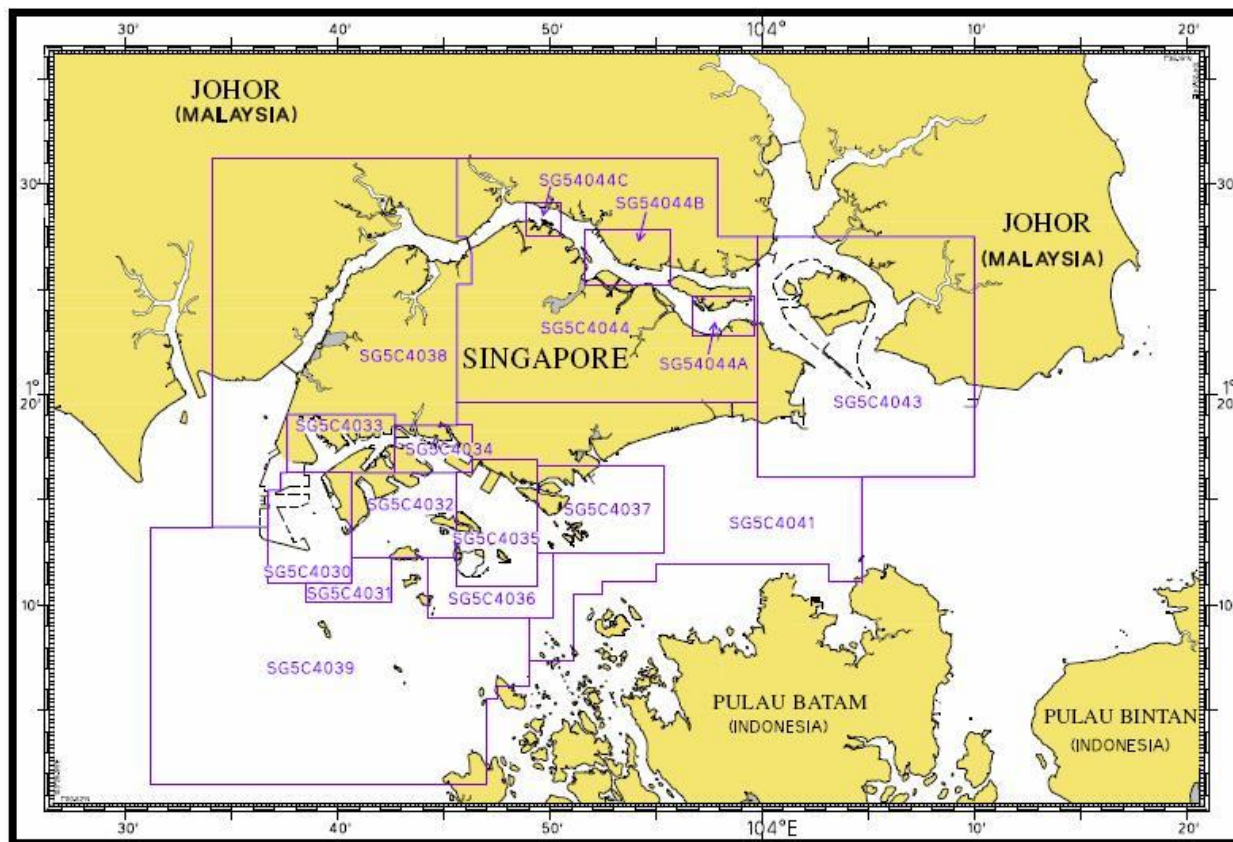
SINGAPOREAN PUBLICATIONS

Item	Title	Date Published of Latest Edition
1	Singapore Tide Tables Year 2016	09/09/2015
2	Singapore Port Information 2016/2017	04/01/2016

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INDEX OF CHARTS AND PUBLICATIONS

INDEX OF SINGAPORE ELECTRONIC NAVIGATIONAL CHART (ENC)



SINGAPORE ELECTRONIC NAVIGATIONAL CHART (ENC)

ENC Name	ENC Coverage	ENC Edition
SG5C4030	West Jurong Anchorages and Temasek Fairway	9 th Edition (17/03/2016)
SG5C4031	Western Approaches to Jurong Island	8 th Edition (17/03/2016)
SG5C4032	Sinki Fairway	10 th Edition (7/05/2015)
SG5C4033	Tuas Bay, West Jurong Channel and Pesek Basin	9 th Edition (17/03/2016)
SG5C4034	East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway	13 th Edition (28/05/2015)
SG5C4035	Western Anchorages, Jong Fairway and Cruise Bay	16 th Edition (28/05/2015)
SG5C4036	Raffles Lighthouse to The Sisters	9 th Edition (28/05/2015)
SG5C4037	Keppel Harbour, Tanjong Pagar Terminal and Approaches	9 th Edition (28/05/2015)
SG5C4038	Johor Strait – Western Part	9 th Edition (25/02/2016)
SG5C4039	Western Approaches to Main Strait	8 th Edition (27/08/2015)
SG5C4041	Pulau Sebarok to Changi	9 th Edition (27/08/2015)
SG5C4043	Kuala Johor	11 th Edition (9/04/2015)
SG5C4044	Johor Strait – Eastern Part	11 th Edition (9/04/2015)
SG54044A	Serangoon Harbour	2 nd Edition (9/04/2015)
SG54044B	Pelabuhan Johor (Johor Port)	2 nd Edition (9/04/2015)
SG54044C	Sembawang	2 nd Edition (9/04/2015)

The latest edition of the Singapore ENC covering Singapore Waters and their approaches can be found in our monthly Singaporean Notices to Mariners at MPA website: <http://www.mpa.gov.sg/web/portal/home/port-of-singapore/port-operations/charts-tidal-information-aids-to-navigation-hydrography/nautical-charts/singapore-electronic-navigational-chart-enc>

II NEW PUBLICATIONS

NEW EDITION DUAL BADGED CHART TO BE PUBLISHED ON 16TH JUNE 2016

Chart Number	:	4043
Title	:	Malaysia and Singapore Kuala Johor and Sungai Johor
Coverage	:	Lat 01° 16·10' N 01° 34·00' N Long 103° 57·90' E 104° 10·00' E
Scale	:	1 : 30 000
Date Published	:	16 th June 2016
Size of Chart	:	748·1 x 1099·6 mm
Remarks	:	This new edition includes updated surveys covering north and south of Pulau Ubin, around Pulau Tekong, Kuala Johor and Eastern Bunkering B Anchorage.

The existing chart of the same number published on 09th April 2015 will be superseded.

Chart Number	:	4044
Title	:	Singapore and Malaysia Johor Strait – Eastern Part
Coverage	:	Lat 01° 19·00' N 01° 31·20' N Long 103° 45·60' E 104° 03·40' E
Scale	:	1 : 30 000
Date Published	:	16 th June 2016
Size of Chart	:	1100·5 x 749·5 mm
Remarks	:	This new edition includes updated surveys covering north of Sembawang, north of Pulau Punggol Barat and Timor, north of Pulau Ubin, Serangoon Harbour, north of Pulau Tekong and Kuala Johor.

The existing chart of the same number published on 09th April 2015 will be superseded.

NEW EDITION SINGAPORE ENC TO BE RELEASED ON 16TH JUNE 2016

ENC Name	:	SG5C4043
Location	:	Kuala Johor
Coverage	:	Lat 01° 16·10' N 01° 27·50' N Long 103° 59·80' E 104° 10·00' E
Compilation Scale	:	1: 22 000
Date Released	:	16 th June 2016
Descriptions	:	This new edition includes updated surveys covering north and south of Pulau Ubin, around Pulau Tekong, Kuala Johor and Eastern Bunkering B Anchorage.

The existing cell of the same name released on 09th April 2015 will be superseded.

II NEW PUBLICATIONS

ENC Name : SG5C4044
Location : Johor Strait – Eastern Part
Coverage : Lat 01° 19·60' N 01° 31·20' N
 Long 103° 45·60' E 103° 59·80' E
Compilation Scale : 1: 22 000
Date Released : 16th June 2016
Descriptions : This new edition includes updated surveys covering north of Sembawang, north of Pulau Punggol Barat and Timor, north of Pulau Ubin, Serangoon Harbour, north of Pulau Tekong and Kuala Johor.

The existing cell of the same name released on 09th April 2015 will be superseded.

ENC Name : SG54044A
Location : Serangoon Harbour
Coverage : Lat 01° 22·80' N 01° 24·70' N
 Long 103° 56·70' E 104° 00·00' E
Compilation Scale : 1: 12 000
Date Released : 16th June 2016
Descriptions : This new edition includes updated surveys covering Serangoon Harbour.

The existing cell of the same name released on 09th April 2015 will be superseded.

ENC Name : SG54044B
Location : Pelabuhan Johor (Johor Port)
Coverage : Lat 01° 25·20' N 01° 27·86' N
 Long 103° 51·60' E 103° 55·70' E
Compilation Scale : 1: 12 000
Date Released : 16th June 2016
Descriptions : This new edition includes updated surveys covering north of Pulau Punggol Barat and Timor and north west of Pulau Ubin.

The existing cell of the same name released on 09th April 2015 will be superseded.

ENC Name : SG54044C
Location : Sembawang
Coverage : Lat 01° 27·50' N 01° 29·10' N
 Long 103° 48·90' E 103° 50·50' E
Compilation Scale : 1: 8 000
Date Released : 16th June 2016
Descriptions : This new edition includes updated surveys covering north of Sembawang.

The existing cell of the same name released on 09th April 2015 will be superseded.

II NOTICES TO MARINERS AND CHART CORRECTIONS

GSP1/SP1	1Ed 15/02/16 Last NM 25/2016	(Maritime and Port Authority of Singapore)	NM 37/2016
Insert	pipeline,  , joining from: to:	1°18.09'N 103°43.84'E 1°17.05'N 103°43.59'E	
Insert	legend, Water (buried) , centred on:	1°17.57'N 103°43.66'E	
		(Maritime and Port Authority of Singapore)	NM 38/2016
Insert	 Fl.Y.2s(sync), HDEC – 1	1°24.23'N 104°00.92'E	
	 Fl.Y.2s(sync), HDEC – 3	1°24.22'N 104°01.19'E	
	 Fl.Y.2s(sync), HDEC – 4	1°24.37'N 104°01.19'E	
	 Fl.Y.2s(sync), HDEC – 6	1°24.38'N 104°00.92'E	
		(Maritime and Port Authority of Singapore)	NM 39/2016
Delete	 Fl.Y.6s, TM-YJP-1	1°18.59'N 103°59.85'E	
	 Fl.Y.8s, TM-YJP-2	1°18.58'N 104°00.41'E	
		(Maritime and Port Authority of Singapore)	NM 40/2016
Delete	 Fl.Y.4s	1°18.67'N 103°59.18'E	
200	4Ed 01/09/15 Last NM 31/2016	(Malaysia Marine Department Notice No. 37/2016)	NM 41/2016
Amend	light to, Fl.WR.10s36m22-15M	3°11.17'N 101°13.03'E	
		(Royal Malaysian Navy Notice No. 3/72/2016)	NM 42/2016
Amend	light to, Fl.5s5M	2°31.82'N 101°47.11'E	

II
TEMPORARY AND PRELIMINARY NOTICES

NIL

III NAVIGATIONAL INFORMATION

*(NM 43/2016) SINGAPORE PORT MARINE NOTICES/CIRCULARS

The Port Marine Notices/Circulars shortlisted below would be of particular interest to mariners. Details and complete list of Port Marine Notices/Circulars are available at this link: <http://www.mpa.gov.sg/web/portal/home/port-of-singapore/circulars-and-notice>

PMN No.	Subject
40/2016	Seawall opening and submarine cable diversion works off Ayer Merbau Basin And Selat Pandan.
43/2016	Reclamation work at Tuas View, off Temasek Fairway.

*(NM 44/2016) SINGAPOREAN PRINT-ON-DEMAND (POD) CHARTS

Print-On-Demand (POD) Charts are the most up-to-date paper nautical charts printed for navigational use. These nautical charts are produced in accordance with the International Hydrographic Organisation (IHO) chart specifications. All Singaporean Charts are continually updated to the latest Notices to Mariners before they are printed and sold to users.

These POD Charts include GSP1, SP1, 200, 201, 202, 500, 501, 502 and 503.

BENEFITS TO OUR CUSTOMERS

Convenience

Customers need not make numerous hand corrections to the nautical charts before use. In addition the updated POD Charts are more accurate and reliable than offset printed charts with hand corrections.

Clarity

Clarity in the presentation of updated information as compared to non-POD printed charts, where in some cases there are several overlapping corrections over existing information.

Coverage

The POD Charts cover the Straits of Malacca and Singapore, from One Fathom Bank to Horsburgh Lighthouse.

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 45/2016) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2016/2017”

1. Page 109

CONTROLLING DEPTHS OF NAVIGATIONAL CHANNELS AND FAIRWAYS

Amend the following:

Locations		Depths (m)	Remarks
East Jurong Channel	Deep Water channel	16.5 (E Cyrene Buoy to Seraya Buoy)	Note: 14.8m high spot off Pusing Buoy
	Out bound channel	12.9	
East Johor Strait – Eastern Buoy to Malang Papan Beacon		12.0	

CHARACTERISTICS OF AIDS TO NAVIGATION

2. Page 148

EAST KEPPEL FAIRWAY

Amend the following:

Name Of Beacon/Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Outer Shoal Beacon	01°15.018' 103°51.812'	Green tubular tower pivoted at base, buoyant beacon	Fl.G.5s8m5M	MPA

3. Page 149 and 150

EASTERN APPROACHES TO SINGAPORE

Delete the following:

Name Of Beacon/Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
NTU-TM1 Buoy	01°18.675' 103°59.180'	Yellow pillar with 'X' topmark, radar reflector	Fl.Y.4s	NTU
NTU-TM2 Buoy	01°18.670' 103°59.140'	Yellow pillar with 'X' topmark, radar reflector	Fl.Y.6s	NTU
(NTU) Waverider Buoy	01°18.675' 103°59.160'	Yellow sphere	Unlit	NTU

III AMENDMENTS TO PUBLICATIONS

4. Page 154

EAST JOHOR STRAIT

Insert the following:

Name Of Beacon/Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
BCA – B8A Mooring Buoy	01°25.688' 103°53.299'	Yellow drum	Fl.Y.6s	BCA
BCA – B9A Mooring Buoy	01°25.799' 103°53.137'	Yellow drum	Fl.Y.8s	BCA

5. Page 156

APPROACHES TO KUALA JOHOR

Delete the following:

Name Of Beacon/Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Safe Water Buoy	01°25.377' 104°00.045'	Red and white vertical stripe pillar	LFl.W.10s	-

6. Page 158

Pulau Tekong

Insert the following:

Name Of Beacon/Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
HDEC – 1 Buoy	01°24.233' 104°00.916'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC – 2 Buoy	01°24.228' 104°01.050'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC – 3 Buoy	01°24.223' 104°01.185'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC – 4 Buoy	01°24.370' 104°01.191'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC – 5 Buoy	01°24.374' 104°01.051'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC – 6 Buoy	01°24.379' 104°00.922'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC

III AMENDMENTS TO PUBLICATIONS

WHARVES AND BERTHS

7. Page 162 – Item 1

TUAS BAY (TUAS OFFSHORE MARINE CENTRE) (1°17·6'N, 103°38·8'E)

Insert the following:

Berth	Length of Berth	Width of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
TOMC 1 } TOMC 2 }	206m	33m	4·7m (2012)	5·1m
TOMC 3	134m	33m	5·0m (2012)	5·1m

8. Page 162 – Item 4

JURONG ISLAND (STOLHAVEN TERMINAL JETTY) (1°16·6'N, 103°39·8'E)

Insert the following:

Berth	Length of Berth	Width of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OST2	203·5m	36m	12·1m (2015)	12·1m
OST3	93·7m	35·5m	12·6m (2015)	12·1m

9. Page 162 – Item 5

JURONG ISLAND - (TEMBUSU MULTI-UTILITY COMPLEX TERMINAL) (1°16·6'N, 103°40·0'E)

Insert the following:

Berth	Length of Berth	Width of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
TMUC	185m	33m	6·2m (2011)	12·1m

10. Page 163 – Item 7

JURONG ISLAND - (SLNG TERMINAL) (1°14·0'N, 103°40·2'E)

Insert the following:

Berth	Length of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OSLN 1	420m	17·8m (2013)	16·0m

11. Page 164 – Item 13

JURONG ISLAND- BANYAN BASIN (EXXON CHEMICAL PTE LTD)(1°15·9'N, 103°41·20'E)

Delete the following:

Berth	Length of Berth	Width of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OBE2	101m	31m	3·0m (2008)	-

III AMENDMENTS TO PUBLICATIONS

12. Page 164 – Item 13A

JURONG ISLAND- BANYAN BASIN (EXXONMOBIL ASIA PACIFIC PTE LTD)
(1°16·0'N, 103°41·2'E)

Insert the following:

Berth	Length of Berth	Width of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OBR1	101m	31m	3·0m (2008)	5·0m

13. Page 165 – Item 17

JURONG ISLAND – BANYAN BASIN (VOPAK TERMINALS SINGAPORE PTE LTD)
(1°15·9'N, 103°41·0'E)

Insert the following:

Berth	Length of Berth	Max LOA	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OBV6	260m	-	16·5m (2012)	16·2m
OBV7	260m	-	16·3m (2012)	16·2m

14. Page 166 – Item 21

JURONG ISLAND – PULAU SERAYA POWER STATION [PSPS]
(YTL POWERSERAYA PTE LTD) (1°17·1'N, 103°43·5'E)

Insert the following:

Berth	Length of Berth	Max LOA	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
4	113m	-	9·1m (2014)	9·0m

15. Page 169 – Item 28

SENOKO FISHERY PORT (AGRI-FOOD AND VETERINARY AUTHORITY)(1°27·8'N, 103°47·5'E)

Insert the following:

Berth	Length of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
Fishery Port Jetty	180m	7·1m (2006)	10·3m

16. Page 179 – Item 45

PASIR PANJANG TERMINAL (PSA SINGAPORE TERMINALS)(1°17·2'N, 103°46·1'E)

Insert the following:

Berth	Length of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
P28	420m	18·0m (2015)	18·0m
P29	420m	18·0m (2015)	18·0m
P30	359m	18·0m (2015)	18·0m

III AMENDMENTS TO PUBLICATIONS

DOCKS AND REPAIR BERTHS

17. Page 187 – Item 6

TANJONG GUL (KEPPEL SHIPYARD LTD)(1°17·45'N, 103°40·20'E)

Insert the following:

Dry Dock	Depth	Length	Width	Controlling Depth In Approaches
Floating Dock 4	6·0m	158m	23m	6·1m

18. Page 191 – Item 18

SEMBAWANG SHIPYARD (SEMBAWANG SHIPYARD PTE LTD)(1°27·9'N, 103°49·5'E)

Insert the following:

Berth	Length of Berth Box	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
19	170m	12·0m (2011)	11·7m
22	311m	10·7m (2013)	10·4m
23	253m	11·2m (2013)	11·4m

Amend the following:

Berth	Length of Berth Box	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
20	290m	11·6m (2013)	11·6m

*Source: Maritime and Port Authority of Singapore

IV
REPRINT OF RADIO NAVIGATIONAL WARNINGS

The following Radio Navigational Warnings have been shortlisted, as they would be of particular interest to mariners.

TT175

VESSELS IN EAST JOHOR STRAIT ARE ADVISED TO NAVIGATE WITH PARTICULAR ALERTNESS AND CAUTION WHEN NEAR THE PROJECT AREAS OFF PULAU TEKONG, CHANGI AND MALANG PAPAN AS SHALLOW WATER AREAS EXIST. VESSELS ARE REMINDED TO PROCEED AT A SAFE SPEED AND MAINTAIN A PROPER LOOK-OUT, PARTICULARLY FOR TUGS AND BARGES NAVIGATING NEAR THE PROJECT AREAS AND PASSENGER FERRIES CROSSING BETWEEN CHANGI AND PULAU TEKONG AND VICINITY OF PASIR GUDANG.

TT273

ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, COMPLY WITH THE INTERNATIONAL COLLISION REGULATIONS, MAINTAIN VHF RADIO WATCH AND LISTEN TO TRAFFIC INFORMATION WHEN NAVIGATING IN THE SINGAPORE STRAIT AND PORT WATERS. MARINERS ARE ALSO ADVISED TO KEEP A GOOD LOOKOUT OF FREQUENT FERRIES CROSSING THE SINGAPORE STRAIT.

TT325

BATU BERHANTI ISOLATED DANGER BUOY FL(2)5S IN POSN 01-11.77N 103-52.47E IS REMOVED FOR MAINTENANCE. VESSELS ADVISED TO NAVIGATE WITH PARTICULAR CAUTION.

TT961

VESSELS INTENDING TO CROSS THE TRAFFIC SEPARATION SCHEME (TSS) OR PRECAUTIONARY AREAS IN THE SINGAPORE STRAIT DURING THE HOURS OF DARKNESS ARE RECOMMENDED TO DISPLAY THE NIGHT SIGNALS CONSISTING OF 3 ALL ROUND GREEN LIGHTS IN A VERTICAL LINE AS DETAILED IN MARITIME AND PORT AUTHORITY OF SINGAPORE'S PORT MARINE CIRCULAR, 02 OF 2011 DATED 30 MAY 2011.

SR123 (AMENDED ON 200330Z)

SEA ROBBERIES ARE REPORTED IN THE SINGAPORE STRAIT, ALL VESSELS ARE REMINDED TO MAINTAIN A PROPER LOOK-OUT AND REPORT ANY SUSPICIOUS CRAFT TO VTIS SINGAPORE.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 29th May 2016)

V

EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL-BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

<http://www.ukho.gov.uk/ProductsandServices/MaritimeSafety/Pages/NMPublic.aspx>

2354 SINGAPORE - Pasir Panjang Terminal SE - NM Blocks.

Source: Maritime and Port Authority of Singapore

Chart 4034 [*previous update 692/16*] WGS84 DATUM

Insert the accompanying block, centred on: 1° 15'·7N., 103° 47'·6E.

Chart 4035 [*previous update 1793/16*] WGS84 DATUM

Insert the accompanying block, centred on: 1° 15'·7N., 103° 47'·6E.

Chart 4040 [*previous update 1793/16*] WGS84 DATUM

Insert the accompanying block, centred on: 1° 15'·6N., 103° 47'·5E.

Chart 4041 [*previous update 1206/16*] WGS84 DATUM

Insert the accompanying block, centred on: 1° 15'·6N., 103° 47'·5E.

2406 SINGAPORE - Pulau Sudong SW - Depths.

Source: Maritime and Port Authority of Singapore

Chart 4031 [*previous update New Edition 17/03/2016*] WGS84 DATUM

Insert depth, ~~18~~ (a) 1° 11'·929N., 103° 41'·402E.
depth, ~~18~~ (b) 1° 11'·895N., 103° 41'·503E.

Delete depth, ~~18~~₇, close SW of: (a) above
depth, ~~18~~₄, close S of: (b) above

2506 SINGAPORE - Sentosa, Main Strait and Eastern Bunkering A Anchorage - Light-beacon. Rock. Wrecks. Foul. Dredged area. Dredged depth. Berth. Depth. Automatic Identification System.

Source: Maritime and Port Authority of Singapore

Chart 4034 [*previous update 2354/16*] WGS84 DATUM

Replace + (22₄) with + (21₈) 1° 14'·672N., 103° 48'·572E.

V
**EXTRACT OF ADMIRALTY NOTICES TO MARINERS
 FOR DUAL-BADGED CHARTS**

2506 SINGAPORE - Sentosa, Main Strait and Eastern Bunkering A Anchorage - Light-beacon. Rock. Wrecks. Foul. Dredged area. Dredged depth. Berth. Depth. Automatic Identification System. (continued)

Chart 4035 [*previous update 2354/16*] WGS84 DATUM

- Insert limit of dredged area, pecked line, joining:
- (a) 1° 15'·784N., 103° 49'·287E. (shore)
 (b) 1° 15'·768N., 103° 49'·287E.
 (c) 1° 15'·768N., 103° 49'·374E.
 (d) 1° 15'·784N., 103° 49'·374E. (shore)
- dredged depth, **8·7m (2014)**, within:
- (a)-(d) above
- berth number, **VC01**
- 1° 15'·800N., 103° 49'·330E.
-  **Wk**
- 1° 13'·717N., 103° 48'·634E.
- # (14₈)**
- 1° 15'·060N., 103° 48'·681E.
- Replace **+ (22₄)** with **+ (21₈)**
- 1° 14'·672N., 103° 48'·572E.

Chart 4037 [*previous update 5416/15*] WGS84 DATUM

- Replace  Fl.G.5s8m5M, with  **Fl.G.5s8m5M**
- (a) 1° 15'·018N., 103° 51'·812E.
- Delete Automatic Identification System, AIS, at light-beacon
- (a) above

Chart 4040 [*previous update 2354/16*] WGS84 DATUM

- Insert  **Wk**
- 1° 13'·72N., 103° 48'·63E.
- # (14₈)**
- (a) 1° 15'·06N., 103° 48'·68E.
- Replace **+ (22₄)** with **+ (21₈)**
- 1° 14'·67N., 103° 48'·57E.
-  Fl.G.5s8m5M, with  **Fl.G.5s8m5M**
- (b) 1° 15'·02N., 103° 51'·81E.
- Delete depth, **15₇**, close NE of:
- (a) above
- Automatic Identification System, AIS, at light-beacon
- (b) above

V
**EXTRACT OF ADMIRALTY NOTICES TO MARINERS
 FOR DUAL-BADGED CHARTS**

2506 SINGAPORE - Sentosa, Main Strait and Eastern Bunkering A Anchorage - Light-beacon. Rock. Wrecks. Foul. Dredged area. Dredged depth. Berth. Depth. Automatic Identification System. (continued)

Chart 4041 [*previous update 2354/16*] WGS84 DATUM

Insert  **Wk** 1° 13'·72N., 103° 48'·63E.

(14₈) (a) 1° 15'·06N., 103° 48'·68E.

Replace **+ (22₄)** with **+ (21₈)** 1° 14'·67N., 103° 48'·57E.

 **Wk**, with  **Wk** 1° 17'·76N., 104° 03'·60E.

 **Fl.G.5s8m5M**, with  **Fl.G.5s8m5M** (b) 1° 15'·02N., 103° 51'·81E.

Move , from:
to: 1° 12'·81N., 103° 54'·90E.
1° 12'·87N., 103° 54'·96E.

Delete depth, **15₇**, close NE of: (a) above

Automatic Identification System, AIS, at light-beacon (b) above

Chart 4042 [*previous update 1820/16*] WGS84 DATUM

Replace  **Wk**, with  **Wk** 1° 17'·76N., 104° 03'·60E.

Chart 4043 [*previous update 1435/16*] WGS84 DATUM

Replace  **Wk**, with  **Wk** 1° 17'·76N., 104° 03'·60E.

2544 SINGAPORE - Pulau Tekong (Singapore) - Buoyage.

Source: Maritime and Port Authority of Singapore

Chart 4042 [*previous update 2506/16*] WGS84 DATUM

Amend designation of buoy to, **Tekong 9** 1° 21'·07N., 104° 03'·73E.
 designation of buoy to, **Tekong 10** 1° 21'·08N., 104° 04'·78E.
 designation of buoy to, **Tekong 21** 1° 20'·60N., 104° 04'·29E.

V

EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL-BADGED CHARTS

2544 SINGAPORE - Pulau Tekong (Singapore) - Buoyage. (continued)

Chart 4043 [previous update 2506/16] WGS84 DATUM

Amend	designation of buoy to, Tekong 1	1° 22'·59N., 104° 01'·95E
	designation of buoy to, Tekong 3	1° 23'·35N., 104° 01'·06E.
	designation of buoy to, Tekong 5	1° 24'·22N., 104° 00'·76E.
	designation of buoy to, Tekong 6	1° 24'·60N., 104° 00'·64E.
	designation of buoy to, Tekong 9	1° 21'·07N., 104° 03'·73E.
	designation of buoy to, Tekong 10	1° 21'·08N., 104° 04'·78E.
	designation of buoy to, Tekong 11	1° 22'·27N., 104° 04'·88E.
	designation of buoy to, Tekong 18	1° 26'·27N., 104° 01'·34E.
	designation of buoy to, Tekong 19	1° 26'·54N., 104° 02'·35E.
	designation of buoy to, Tekong 20	1° 26'·26N., 104° 03'·48E.
	designation of buoy to, Tekong 21	1° 20'·60N., 104° 04'·29E.
	designation of buoy to, Tekong 22	1° 23'·66N., 104° 05'·39E.
	designation of buoy to, Tekong 23	1° 24'·38N., 104° 05'·38E.

Chart 4044 [previous update 6546/15] WGS84 DATUM

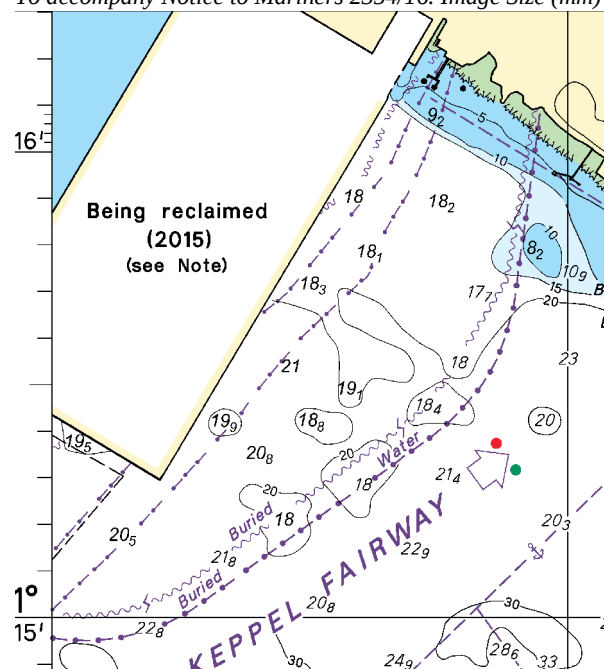
Amend	designation of buoy to, Tekong 1	1° 22'·59N., 104° 01'·95E.
	designation of buoy to, Tekong 3	1° 23'·35N., 104° 01'·06E.
	designation of buoy to, Tekong 5	1° 24'·22N., 104° 00'·76E.
	designation of buoy to, Tekong 6	1° 24'·60N., 104° 00'·64E.
	designation of buoy to, Tekong 18	1° 26'·27N., 104° 01'·34E.
	designation of buoy to, Tekong 19	1° 26'·54N., 104° 02'·35E.

Updated to Admiralty Notices to Mariners Edition No. 22 of 2016 dated 2nd June 2016

[illegible]

Block for Chart No 4040

To accompany Notice to Mariners 2354/16. Image Size (mm) 87 by 78.2



Block for Chart No 4041

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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. Upon receipt of a hydrographic note, a Notice to Mariners may be 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 Centre on VHF Channels 10, 12, 14, 68 or 73.

HYDROGRAPHIC NOTE

To:

Chief Hydrographer
Maritime and Port Authority of Singapore
7B Keppel Road #20-00 Tanjong Pagar Complex
Singapore 089055

Tel : (65) 6325 2027
Fax : (65) 6226 1076
Email : hydrographic@mpa.gov.sg

Sender's Contact Details :

Date :

Name of Vessel :

Address of Sender :

Tel : Fax :

Email :

Nature of Observation :

General Location :

Subject :

Position : Lat. Long.

Charts Used :

Date & Time of Observation :

Details :

.....

.....

Attachment :

Equipment Used :

Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

Name and Signature :

Ship's/Company's Stamp :