



SINGAPOREAN NOTICES TO MARINERS

SECTION	CONTENT	Page
I	Affected Charts & Publications	1
II	New Charts and Publications	2
	Notices to Mariners and Chart Corrections	3
	Temporary and Preliminary Notices	4
	Cancelled Temporary and Preliminary Notices	6
III	Navigational Information	7
	Amendments to Publications	9
IV	Reprint of Maritime Safety Information	10
V	Extract of Admiralty Notices to Mariners for Dual-Badged Charts	12

The monthly Notices to Mariners contain information required to keep charts and publications published by the Hydrographic Division, Maritime and Port Authority of Singapore up-to-date.

Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, immediately of the discovery of new or suspected dangers to navigation, observed changes to aids to navigation and ways Singaporean Charts and Publications can be improved. The Hydrographic Note on the back page should be used for this purpose.

Detailed information of charts and publications (coverage of charts, latest editions and distributors) are available on the Maritime and Port Authority of Singapore's Website: www.mpa.gov.sg

The Chief Hydrographer of
The Maritime and Port Authority of Singapore
wishes all users
A HAPPY NEW YEAR

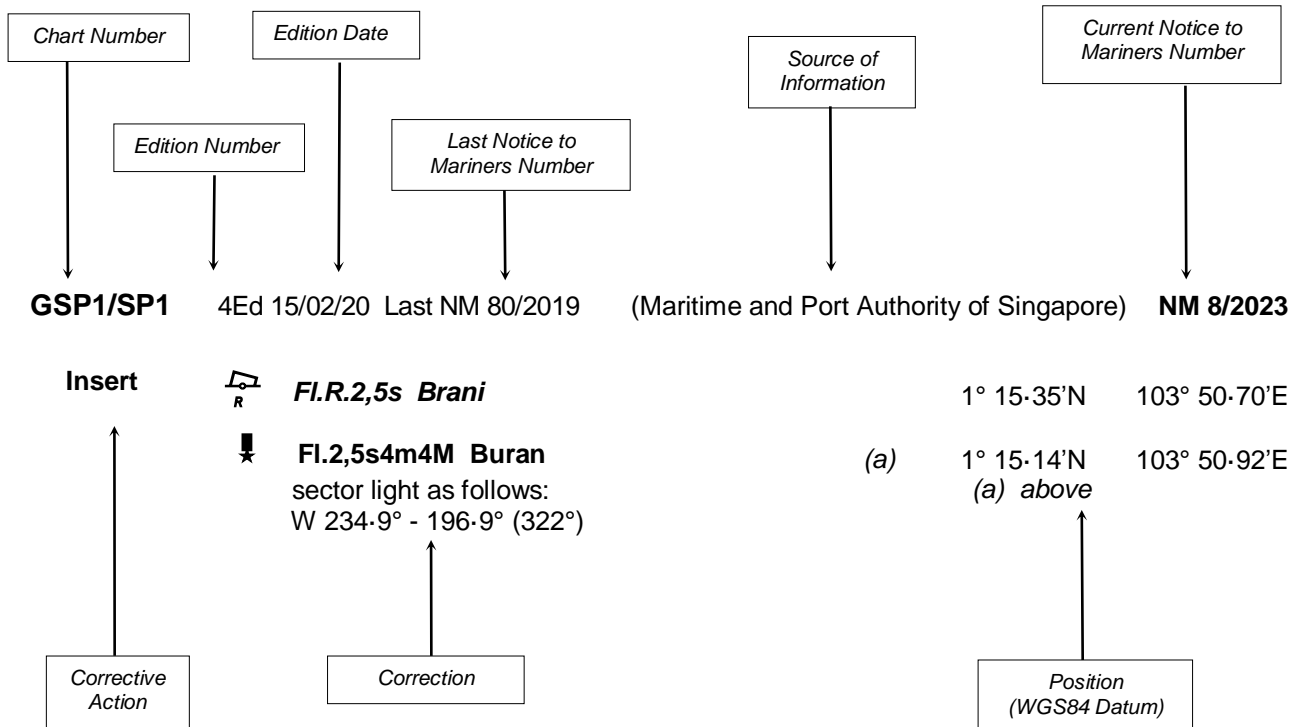
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

Contact information:

Hydrographic Division
Maritime and Port Authority of Singapore
7B Keppel Road
#20-00 Tanjong Pagar Complex
Singapore 089055
Tel : 1800 272 7777 / (65) 6272 7777
Email : hydrographic@mpa.gov.sg

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 9T/2023**).
P indicates a Preliminary Notice (eg. **NM 10P/2023**).
- 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.
- # indicates where amendments are made.
- * indicates source from Maritime and Port Authority of Singapore.

I
AFFECTED CHARTS AND PUBLICATIONS

INDEX OF NOTICES

NOTICE NO.	DESCRIPTION	PAGE NO.
-	New Charts and Publications	2
*1	Numerical Index of Notices to Mariners of 2022	3
*2T	Numerical Index of Notices in force on 31 December 2022	4 - 5
-	Cancelled Temporary and Preliminary Notices	6
*3	Singapore Port Marine Notices/Circulars	7 - 8
*4	Amendments to Publications	9
-	Reprint of Maritime Safety Information	10 - 11
-	Extract of Admiralty Notices to Mariners for Dual-Badged Charts	12 - 14

*Source: Maritime and Port Authority of Singapore

II NEW CHARTS AND PUBLICATIONS

NEW EDITION SINGAPOREAN CHARTS TO BE PUBLISHED ON 19TH JANUARY 2023

Chart Number : GSP1

Title : Anchorages and Aids to Navigation

Coverage : Lat 01° 06·43' N 01° 29·40' N
Long 103° 34·00' E 104° 08·10' E

Scale : 1 : 65 000

Date to be Published : 19th January 2023

Size of Chart : 973.2 x 651.3 mm

Description : This new edition includes updated surveys, changes to topography, aids to navigation, and submarine cables.

The existing chart of the same number published on 17th January 2022 will be superseded.

Chart Number : SP1

Title : Anchorages and Aids to Navigation

Coverage : Lat 01° 06·43' N 01° 29·40' N
Long 103° 34·00' E 104° 08·10' E

Scale : 1 : 65 000

Date to be Published : 19th January 2023

Size of Chart : 973.2 x 651.3 mm

Description : This new edition includes updated surveys, changes to topography, aids to navigation, and submarine cables.

The existing chart of the same number published on 17th January 2022 will be superseded.

II

NOTICES TO MARINERS AND CHART CORRECTIONS

*(NM 1/2023) NUMERICAL INDEX OF NOTICES TO MARINERS OF 2022 (1 TO 62)

MONTH	NOTICES TO MARINERS NO.
JANUARY 2022	1 to 6
FEBRUARY 2022	7 to 10T
MARCH 2022	11 to 17
APRIL 2022	18 to 23
MAY 2022	24 to 32
JUNE 2022	33 to 35
JULY 2022	36 to 40
AUGUST 2022	40 to 41
SEPTEMBER 2022	42 to 45
OCTOBER 2022	46 to 51T
NOVEMBER 2022	52 to 54
DECEMBER 2022	55 to 62

CHART NO.	PUBLISHED	YEAR	NOTICES TO MARINERS NO.
GSP1, SP1	6 Ed 17/01/22	2022	11-12-24-42-46-47-52-55
200	4 Ed 1/09/15	2022	26-27-37
201	6 Ed 15/09/17	2022	13-37-56
202	8 Ed 15/09/16	2022	07-14-18-19-20-37
500	8 Ed 15/09/17	2022	07-37
501	7 Ed 1/09/15	2022	21-24
502	9 Ed 15/10/21	2022	02-08-24-25-46-47-52-57-58
503	5 Ed 15/08/14	2022	02-18-20-25

II

TEMPORARY AND PRELIMINARY NOTICES

*(NM 2T/2023) NUMERICAL INDEX OF NOTICES IN FORCE ON 31 DECEMBER 2022

<i>No. of Notice</i>	<i>Subject</i>
104T/2017	Wreck in approximate position – Johor – Sungai Tampok
52P/2018	Palapa Ring Barat (PRB) Submarine Cable Project - Riau Islands Vicinity
54P/2018	Indonesia Global Gateway (IGG) Cable - Singapore Strait Waterway
73P/2018	SEAX Cable Exchange - 1 (SEAX -1) Submarine Cable - Tanah Merah Cable Landing to South China Sea
45P/2019	Australia - Singapore Cable (ASC) Submarine Cable - Tanah Merah Cable Landing
46P/2019	Indigo Cable Network (INDIGO) - Tuas (Singapore)
13P/2020	Tuas South - Submarine Cable Diversion
32T/2020	Vessel Reported Grounded Off Batu Berhanti - Singapore Strait
33T/2020	Vessel Reported Grounded Off Pulau Pelampung - Singapore Strait
34T/2020	Reported Wreck Off Pulau Bulan - Riau Islands
43P/2020	Riau Islands Vicinity - Dumai Island - New Channels
61T/2020	Reported Depth In The Singapore Strait (Main Strait)
83T/2020	Vessel Reported Grounded Off Batu Berhanti - Singapore Strait
7T/2021	Vessel Reported Sunk Off Pulau Batam - Riau Islands
21P/2021	SKKL Batam Cable - Tanjung Balai Karimum - Tanjung Batu
22P/2021	South-East Asia - Japan 2 Cable System (SJC2) - Singapore Strait - South China Sea
35P/2021	Bay-To-Bay Cable Express (BtoBE) - Singapore Strait
71P/2021	Installation Of Buoys Off Marina East
83T/2021	Singapore - Johor Strait - Lights
86T/2021	Malaysia - Johor Strait - Beacon
91P/2021	Reclamation Works In The Vicinity Of Horsburgh Lighthouse
101T/2021	Installation Of Buoys Off West Johor Strait
112T/2021	Malaysia - Melaka - Kuala Kesang - Light Beacon

II

TEMPORARY AND PRELIMINARY NOTICES

*(NM 2T/2023) NUMERICAL INDEX OF NOTICES IN FORCE ON 31 DECEMBER 2022

<i>No. of Notice</i>	<i>Subject</i>
4T/2022	High Spot within Temasek Fairway
15P/2022	Re-Designation of Berths
28P/2022	Submarine cable system Singapore - Myanmar (SIGMAR)
51T/2022	Maintenance of Banyan Beacon
59T/2022	Sunken vessel 'Sakura 2' in Changi Barge Temporary Holding Area (ACBTH) Anchorage
60P/2022	Changes to Anchorage Area – Singapore Strait (Main Strait) – Nipa

*Source: Maritime and Port Authority of Singapore

II

TEMPORARY AND PRELIMINARY NOTICES

Cancelled Temporary and Preliminary Notices

<i>No. of Notices</i>	<i>Subject</i>	<i>Charts Affected</i>
18T/2019	Teluk Ramunia - sunken vessel 'MV Amanda'	Singaporean Charts 202, 503
48T/2019	Reported wreck off Selat Riau -Indonesia	Singaporean Chart 202
63P/2020	Wrecks off south east approach channel, Tuas Bay	Dual-badged Chart BA4033
68P/2020	West Jurong Channel – Jurong Island - Subsea pipeline	Dual-badged Charts 4033, 4040
78T/2020	Dredging works in Temasek Fairway	Singaporean Chart GSP1/SP1 Dual-badged Charts DB4030, DB4031, DB4033, DB4038, DB 4040
20P/2021	TNB-SPPA network interconnection cables - Johor Strait – Denman Shoal	Singaporean Chart GSP1/SP1 Dual-badged Charts BA4044
27P/2021	Re-designation of working VHF Channels	Singaporean Chart GSP1/SP1
61P/2021	Changes to maritime areas - east coast - Malaysia	Singaporean Charts GSP1/SP1, 502
65P/2021	Amendment of depth alongside for berths at TOMC Terminals	Dual-badged Chart BA4033
67P/2021	Construction of new wharves at Tuas Finger 1 and 2 Terminals	Dual-badged Charts BA4030, BA4033
84P/2021	Singapore - West Jurong Channel - buoys	Singaporean Chart GSP1/SP1 Dual-badged Charts DB4030, DB4033, Singapore ENC SG5C4033
87P/2021	Singapore - Changi East - prohibited area	Singaporean Charts GSP1/SP1, 202, 502 Dual-Badged Charts DB4041, DB4043, Singapore ENC SG5C4043
3T/2022	Numerical index of notices in force on 31 December 2021	-
29T/2022	Least depth within Sinki Fairway	Dual-Badged Charts DB4031, DB4032, DB4040 Singapore ENC SG5C4032
33P/2022	Amendment of depth alongside for S1, S2, S3, S6 and S7 berth at Sembawang Wharves	Dual-Badged Chart DB4044 (Inset C)
38T/2022	Joint hydrographic survey in Straits of Malacca and Singapore	Singaporean Charts 200, 201 MSS ENC MS3OF2TT, MS3RS2FC
43T/2022	Dredging works in Temasek Fairway	Singaporean Chart GSP1/SP1 Dual-Badged Charts DB4030, DB4031, DB4033, DB4038, DB4039 and DB4040

III NAVIGATIONAL INFORMATION

*(NM 3/2023)

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>

PMC No.	Subject
48/2021	Extension of assistance to Singaporean seafarers under the seafarers relief package
01/2022	List of active Port Marine Circulars
02/2022	Stowage requirements for handling of steel cargo at publicly-licensed cargo terminals
07/2022	Shore leave for crew working onboard vessels visiting the port of Singapore
09/2022	Dorscon yellow precautionary measures
10/2022	Enhancement of the maritime Singapore green initiative – Green Port Programme (GPP)
11/2022	Changes to pre-arrival notification
13/2022	Maritime and port authority of Singapore cancels Khalon Worldwide Surveyors Pte Ltd's bunker surveying company license
15/2022	Lifting of mandatory maritime declaration of health for vessels arriving in the port of Singapore
16/2022	Additional provision applicable to fumigated cargo transport unit (UN 3359, IMO Class 9)
17/2022	Resumption of ship inspection for the issuance of Ship Sanitation Certificate (SSC)
18/2022	Revision of Singapore standard for bunkering SS 524 : 2021
19/2022	Crew change and shore leave for cargo ships in the port of Singapore and application for vaccination
20/2022	Covid-19 measures for vessels in the port of Singapore
21/2022	Supply of biofuel within the port of Singapore to vessels
22/2022	Revision of Singapore standard for bunkering SS 600 : 2022
23/2022	Port dues rebate for vessels handling transshipment vehicles in Singapore
24/2022	Maritime welfare fee concession
25/2022	Revision in Port Dues rates

*Source: Maritime and Port Authority of Singapore

III NAVIGATIONAL INFORMATION

*(NM 3/2023)

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
55/2022	Relocation of “NEA-WRM-CNB” buoy
57/2022	Works at Sisters’ Island marine park
58/2022	Construction of temporary ro-ro ramp at Tuas South
62/2022	Reclamation work at Pulau Tekong
63/2022	Mooring and unmooring of vessels off Pulau Tekong
59/2022	Anchoring of vessels at Tuas View extension off AVLCC
64/2022	Construction of marine viaduct off Woodlands jetty
69/2022	Reclamation and marine works at Tuas Western coast – stage 11
71/2022	Demolition of Lim Chu Kang jetty
72/2022	Supply and delivery of sand at Changi East Deposition Area (CEDA)
75/2022	Dredging work in Temasek fairway
77/2022	Construction of temporary loading jetty and dredging works off Changi East
78/2022	Supply and delivery of sand at Tuas View extension
79/2022	Repair works at Bedok jetty
80/2022	Soil investigation work off Lorong Halus jetty
81/2022	Hydrographic survey off Pulau Sudong
82/2022	Construction works at Changi Sailing Club
84/2022	Transport of sand material to stockpile at Tuas View extension
85/2022	Works off Changi North
86/2022	Transport of sand material off Very Large Crude Carrier Anchorage (AVLCC)

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 4/2023) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2022/2023”

CHARACTERISTICS OF AIDS TO NAVIGATION

WEST JURONG CHANNEL (Cont/)

1. Page 139

Amend the following:

Name Of Beacon / Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
SCM5 Buoy	01°16·720' 103°39·008'	Red can	Fl.R.2s	MPA

SOUTHERN ISLANDS

2. Page 147

Insert the following:

Name Of Beacon / Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
MESN-SJI Buoy	01°13·120' 103°50·739'	Yellow pillar with 'X' topmark	Fl.Y.3s	NUS

WHARVES AND BERTHS

2. Page 162

TUAS POWER STATION – FUEL OIL UNLOADING JETTY (1°16·7'N, 103°38·8'E)

Amend the following:

Berth	Length of Berth Box	Max LOA	Depth Alongside (Year Surveyed)	Approach Depth
OTPJF	209m	190m	13.7m (2022)	11.2m

*Source: Maritime and Port Authority of Singapore

IV

REPRINT OF MARITIME SAFETY INFORMATION

The following Maritime Safety Information have been shortlisted, as they would be of particular interest to mariners.

TT418

WEST BOUND DEEP DRAFT VESSELS AND VLCCS ARE REMINDED TO COMPLY WITH THE RULES OF VESSELS NAVIGATING THROUGH THE STRAITS OF MALACCA AND SINGAPORE (SOMS). THEY SHALL ALLOW FOR AN UKC OF AT LEAST 3.5 METRES AT ALL TIMES DURING THE ENTIRE PASSAGE THROUGH THE SOMS AND AS FAR AS IT IS SAFE AND PRACTICABLE, PROCEED AT A SPEED OF NOT MORE THAN 12 KTS OVER THE GROUND IN THE WESTBOUND LANE OF THE SINGAPORE STRAIT (BETWEEN SOUTH OF ST JOHN'S ISLAND & RAFFLES LIGHTHOUSE). THEY ARE ADVISED TO BROADCAST, 8 HOURS BEFORE ENTERING THE TSS, NAVIGATIONAL INFORMATION GIVING NAME, DEADWEIGHT, DRAUGHT, SPEED AND TIMES OF PASSING HORSBURGH LIGHTHOUSE AND RAFFLES LIGHTHOUSE.

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 THE MARITIME AND PORT AUTHORITY OF SINGAPORE'S PORT MARINE CIRCULAR, 04 OF 2013 DATED 7 MAY 2013.

TT273

ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, COMPLY WITH THE COLREGS, 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.

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.

TT913

P21 BUOY FL Y 2S IN POSITION 01-15.850N 103-36.017E WAS REPORTED UNLIT. ALL VESSELS NAVIGATING IN THE VICINITY ARE ADVISED TO NAVIGATE WITH CAUTION.

TT765

CONDUCTING OF RECLAMATION WORKS BOUNDED BY THE FOLLOWING COORDINATES FROM 01 SEP 2021

1. 01-19.63N 104-24.08E
2. 01-20.05N 104-24.08E
3. 01-20.28N 104-24.51E
4. 01-20.26N 104-24.59E
5. 01-20.18N 104-24.70E
6. 01-20.06N 104-24.78E
7. 01-19.88N 104-24.84E
8. 01-19.68N 104-24.83E
9. 01-19.63N 104-24.80E

VESSELS PASSING IN THE VICINITY ARE ADVISED TO GIVE A WIDE BERTH AND NAVIGATE WITH CAUTION.

TT643

THERE IS REPORT OF CONCENTRATION OF FISHING VESSELS OBSERVED IN THE EASTBOUND TRAFFIC LANE IN THE VICINITY BETWEEN BUFFALO ROCK AND BATU BERHANTI. ALL VESSELS ARE ADVISED TO PROCEED AT A SAFE SPEED, KEEP A SHARP LOOK OUT AND NAVIGATE WITH EXTREME CAUTION AT ALL TIME.

IV

REPRINT OF MARITIME SAFETY INFORMATION

The following Maritime Safety Information have been shortlisted, as they would be of particular interest to mariners.

TT642

ALL MARINERS NAVIGATING THROUGH THE STRAIT OF SINGAPORE ARE REMINDED TO MAINTAIN CLOSE AND CONTINUOUS MONITORING OF VESSEL-S POSITION. IN DETERMINING RISK OF GROUNDING, DIFFERENT METHODS OF POSITION FIXING SHOULD ALSO BE USED AS MEANS OF CROSS-CHECKING.

TT426

ALL MARINERS ARE REMINDED TO NAVIGATE WITH CAUTION IN THE PRECAUTIONARY AREAS AND TSS, MAINTAIN A GOOD LOOKOUT FOR CROSSING TRAFFIC. VESSELS INTENDING TO CROSS THE TSS SHALL DO SO ONLY WHEN IT IS SAFE AND SHALL AT ALL TIMES COMPLY WITH THE COLREGS.

TT399

VESSELS ARRIVING TO SINGAPORE OR TRANSITING THROUGH THE STRAIT ARE RECOMMENDED TO UPDATE THEIR DESTINATION ACCURATELY IN THE AIS TO ENHANCE SITUATIONAL AWARENESS FOR OTHER TRAFFIC IN THE VICINITY. EG: SG-PEBGB FOR PILOT EASTERN BOARDING GROUND BRAVO.

TT363 (AMENDED ON 140821UTC APRIL 2019).

MARINERS ARE REMINDED NOT TO ANCHOR IN ALL AREAS IN THE TSS, INCLUDING PRECAUTIONARY AREAS OF THE STRAITS OF MALACCA AND SINGAPORE AS WELL AS BETWEEN THE LANDWARD LIMITS OF THE TSS AND APPROACHES TO THE PORTS. VESSELS ENTERING ANY PORT IN ANY LITTORAL STATES ARE TO ANCHOR IN THE ANCHORAGES DESIGNATED BY THE RESPECTIVE LITTORAL STATES. MARINERS ARE ALSO REMINDED THAT EVERY CARE SHOULD BE TAKEN TO AVOID ANCHORING IN THE VICINITY OF SUBMARINE CABLES OR PIPELINES.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 30th December 2022)

V

EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

<http://www.admiralty.co.uk/maritime-safety-information/admiralty-notices-to-mariners>

4992 SOUTH CHINA SEA - Depths. Beacon. Obstructions. Light-beacon.

Source: Malaysian Chart 6147

Note: This update is included in New Edition 3445, published 8 December 2022.

Chart 1312 [previous update 3020/22] WGS84 DATUM

Replace depth, 14₆, with depth, 8, enclosed by 10m contour 1° 31'·5N., 104° 21'·4E.

Chart 2403 [previous update New Edition 28/04/2022] WGS84 DATUM

Insert	depth, 11, enclosed by 20m contour	1° 29'·42N., 104° 21'·28E.
	depth, 8, enclosed by 10m contour	(a) 1° 31'·53N., 104° 21'·64E.
Delete	depth, 8 ₇ , and associated 10m contour, close SW of:	(a) above
Insert	depth, 18 ₄ , and extend 20m contour E to enclose	(b) 1° 36'·84N., 104° 21'·21E.
Delete	depth, 26, close SE of:	(b) above
Insert	depth, 21, enclosed by 30m contour	(c) 1° 42'·76N., 104° 21'·87E.
Delete	depth, 31, close SW of:	(c) above
Insert	depth, 10 ₅ , and extend 20m contour E to enclose	(d) 1° 44'·94N., 104° 18'·75E.
Delete	depth, 22, close SE of:	(d) above
Insert	depth, 26, enclosed by 30m contour	1° 45'·99N., 104° 22'·57E.
	depth, 27 ₅ , enclosed by 30m contour	(e) 1° 45'·74N., 104° 29'·72E.
Delete	depth, 35, close S of:	(e) above
Insert	depth, 28, enclosed by 30m contour	1° 44'·02N., 104° 29'·64E.
	depth, 29 ₅ , enclosed by 30m contour	(f) 1° 39'·03N., 104° 31'·07E.
Delete	depth, 34, close W of:	(f) above
Replace	depth, 8 ₅ , with depth, 7 ₅	1° 30'·26N., 104° 27'·12E.
	■ with ■ Fl.Y.5s	1° 19'·31N., 104° 24'·39E.

Chart 2414 [previous update 4617/22] WGS84 DATUM

Insert	depth, 27 ₅	(a) 1° 45'·7N., 104° 29'·7E.
Delete	depth, 30, close W of:	(a) above

Chart 2422 [previous update 4541/22] WGS84 DATUM

Insert	depth, 18 ₄ , and extend 20 m contour E to enclose	(a) 1° 36'·8N., 104° 21'·2E.
Delete	depth, 23 ₅ , close NW of:	(a) above
Insert	depth, 10 ₅ , and extend 20 m contour E to enclose	(b) 1° 44'·9N., 104° 18'·7E.
Delete	depth, 14 ₈ , close W of:	(b) above
Insert	depth, 26	(c) 1° 46'·0N., 104° 22'·6E.
Delete	depth, 31, close NW of:	(c) above
Insert	depth, 21	(d) 1° 42'·8N., 104° 21'·9E.
Delete	depth, 33, close E of:	(d) above
Insert	depth, 27 ₅	(e) 1° 45'·7N., 104° 29'·7E.
Delete	depth, 35, close S of:	(e) above
Replace	depth, 14 ₆ with depth, 8	1° 31'·5N., 104° 21'·6E.

V

EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

<http://www.admiralty.co.uk/maritime-safety-information/admiralty-notices-to-mariners>

Chart 2470 [previous update 4508/22] WGS84 DATUM

Insert	depth, 27 ₅	(a) 1° 45'·7N., 104° 29'·7E.
Delete	depth, 30, close W of:	(a) above

Chart 2869 [previous update 4617/22] WGS84 DATUM

Insert	depth, 18 ₄ , and extend 20 m contour E to enclose	(a) 1° 36'·8N., 104° 21'·2E.
Delete	depth, 23 ₅ , close NW of:	(a) above
Insert	depth, 10 ₅ , and extend 20m contour E to enclose	(b) 1° 44'·9N., 104° 18'·7E.
Delete	depth, 14 ₈ , close W of:	(b) above
Insert	depth, 26	(c) 1° 46'·0N., 104° 22'·6E.
Delete	depth, 31, close NW of:	(c) above
Insert	depth, 27 ₅	(d) 1° 45'·7N., 104° 29'·7E.
Delete	depth, 35, close S of:	(d) above
Insert	depth, 21	(e) 1° 42'·8N., 104° 21'·9E.
Delete	depth, 33, close E of:	(e) above
Replace	depth, 8 ₅ , with depth, 7 ₃	1° 30'·2N., 104° 27'·2E.
	depth, 8 ₇ , with depth, 8	1° 31'·5N., 104° 21'·6E.

Chart 3482 (INT 550) [previous update 4617/22] WGS84 DATUM

Insert	depth, 27 ₅	(a) 1° 45'·7N., 104° 29'·7E.
Delete	depth, 35, close S of:	(a) above

Chart 3831 [previous update 3955/22] WGS84 DATUM




Insert	depth, 11, enclosed by 20m contour	1° 29'·42N., 104° 21'·28E.
	depth, 8, enclosed by 10m contour	(a) 1° 31'·53N., 104° 21'·64E.
Delete	depth, 8 ₇ , and associated 10m contour, close SW of:	(a) above
Insert	 Obstns	1° 23'·34N., 104° 18'·46E.
Replace	depth, 25 ₅ , with depth, 24	1° 18'·72N., 104° 13'·10E.
	depth, 25 ₂ , with depth, 24	1° 18'·90N., 104° 18'·32E.
	depth, 8 ₅ , with depth, 7 ₅	1° 30'·26N., 104° 27'·12E.
	 with  Fl.Y.5s	1° 19'·31N., 104° 24'·39E.

Chart 4042 [previous update 4410/22] WGS84 DATUM

Replace	depth, 25 ₅ , with depth, 24	1° 18'·72N., 104° 13'·10E.
---------	---	----------------------------

5069* SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 3833 [previous update 3474/22] WGS84 DATUM

Move	 Q.Y CNB-2, from:	1° 18'·10N., 104° 01'·00E.
	to:	1° 18'·10N., 104° 00'·81E.

V
EXTRACT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

<http://www.admiralty.co.uk/maritime-safety-information/admiralty-notices-to-mariners>

Chart 4041 [*previous update 4410/22*] WGS84 DATUM

Move		<i>Q.Y CNB-2</i> , from:	1° 18'·10N., 104° 01'·00E.
	to:		1° 18'·10N., 104° 00'·81E.

Chart 4043 [*previous update 4410/22*] WGS84 DATUM

Move		<i>Q.Y CNB-2</i> , from:	1° 18'·10N., 104° 01'·00E.
	to:		1° 18'·10N., 104° 00'·81E.

5120* SINGAPORE - NM Blocks.

Source: Maritime and Port Authority of Singapore

Chart 4030 [*previous update New Edition 29/09/2022*] WGS84 DATUM

Insert	the accompanying block, centred on:	1° 15'·2N., 103° 38'·5E.
--------	-------------------------------------	--------------------------

Chart 4033 [*previous update 2539/22*] WGS84 DATUM

Insert	the accompanying block, centred on:	1° 15'·2N., 103° 38'·5E.
--------	-------------------------------------	--------------------------

Chart 4038 [*previous update 1622/22*] WGS84 DATUM

Insert	the accompanying block, centred on:	1° 15'·1N., 103° 38'·3E.
--------	-------------------------------------	--------------------------

Chart 4040 [*previous update 4373/22*] WGS84 DATUM

Insert	the accompanying block, centred on:	1° 15'·1N., 103° 38'·3E.
--------	-------------------------------------	--------------------------

5073(P)/22 SINGAPORE - Dredged areas. Dredged depths. Berths.

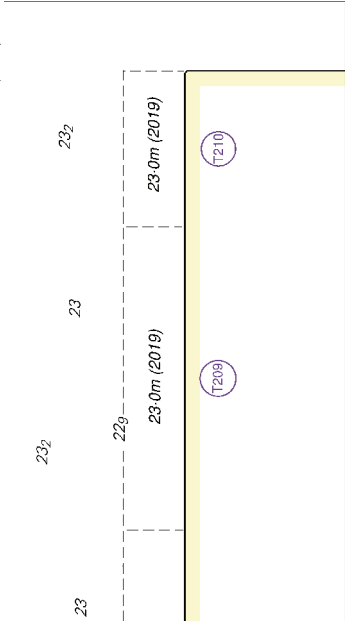
Source: Maritime and Port Authority of Singapore

1.			
	<i>Update</i>	<i>Feature</i>	<i>Position</i>
	Insert	limit of dredged area, pecked line, joining:	(a) 1° 15'·283N., 103° 38'·334E. (b) 1° 15'·239N., 103° 38'·334E. (c) 1° 15'·239N., 103° 38'·550E. (d) 1° 15'·283N., 103° 38'·550E. and (e) 1° 15'·283N., 103° 38'·550E. (f) 1° 15'·239N., 103° 38'·550E. (g) 1° 15'·238N., 103° 38'·661E. (h) 1° 15'·283N., 103° 38'·661E.
		dredged depth, 23·0m (2019), within:	(a)-(d) above (e)-(h) above
		berth number, T209	1° 15'·215N., 103° 38'·442E.
		berth number, T210	1° 15'·214N., 103° 38'·606E.

Chart affected - 8175

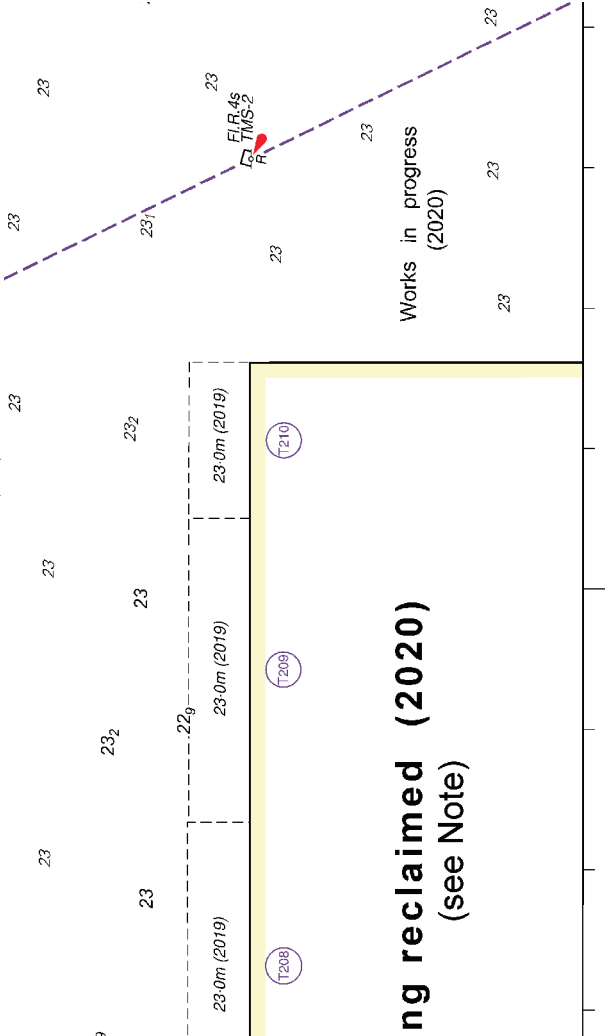
Updated to Admiralty Notices to Mariners no. 52 of 2022 dated 29th December 2022

To accompany Notice to Mariners 5120/22. Image Size (mm) 45.1 by 81.9



Block for Chart No 4030

To accompany Notice to Mariners 5120/22. Image Size (mm) 82.1 by 136.7



Block for Chart No 4033

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 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 : 1800 272 7777 / (65) 6272 7777
Email : hydrographic@mpa.gov.sg

Sender's Contact Details :

Date :

Name of Vessel :

Address of Sender :

Tel :

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 :