



SINGAPOREAN NOTICES TO MARINERS

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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 Website: www.mpa.gov.sg

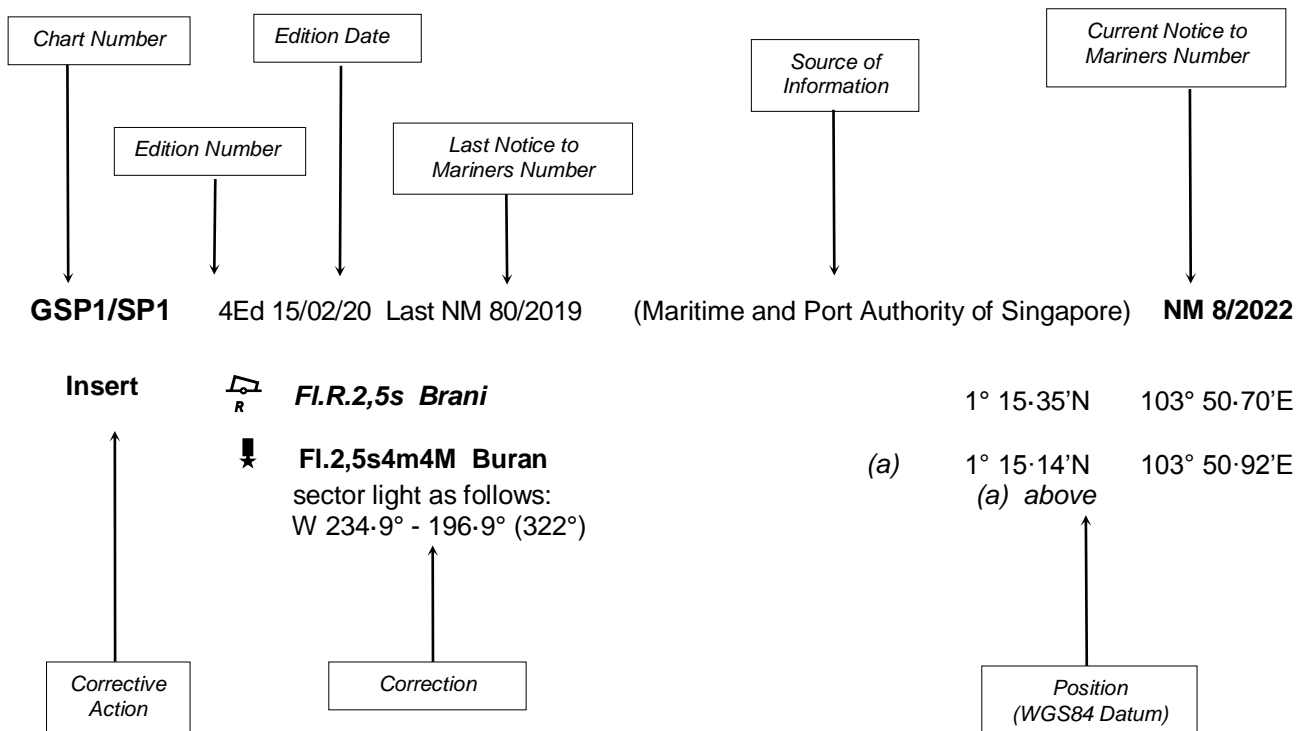
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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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 9T/2022**).
P indicates a Preliminary Notice (eg. **NM 10P/2022**).
- 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. |
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| 7 | Singaporean Chart 202 | 5 |
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*Source: Maritime and Port Authority of Singapore

II

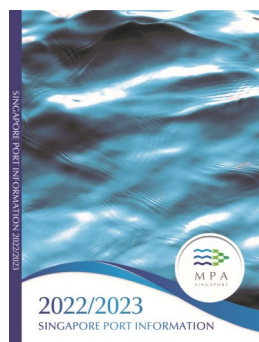
NEW CHARTS AND PUBLICATIONS

NEW EDITION SINGAPOREAN CHARTS PUBLISHED ON 17TH JANUARY 2022

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 : 17th January 2022
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 15th January 2021 has been superseded.

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 The existing chart of the same number published on 15th January 2021 has been superseded.

II

NEW CHARTS AND PUBLICATIONS**NEW EDITION SINGAPORE PORT INFORMATION 2022/2023 PUBLISHED ON 1st JANUARY 2022****Summary of Publication**

This publication contains Port Information such as:

1. Routeing and Reporting Information

- * Straits of Malacca and Singapore - Routeing System
- * Mandatory Ship Reporting System in the Straits of Malacca and Singapore - STRAITREP
- * Rules for vessels navigating during hours of darkness through the Straits Of Malacca and Singapore (Recommendatory Measure)
- * Revised reporting procedures for notification and confirmation of a vessel's arrival in Singapore
- * Amendment to reporting procedures for vessels maneuvering in port
- * Guide to VHF communication in port and Singapore Strait
- * VHF radio telephone reporting procedures for vessels manoeuvring within the Traffic Information Area (TIA) in the East Johor Strait
- * Tall vessels' movements in port waters surrounding Changi Airport
- * 15-metre, 30-metre, 49-metre Height Restricted Areas in Port

2. Pilotage and Pilotage Exemption Information

- * Pilotage
- * Pilotage Exemption Course

3. Port Clearances and Reporting Procedures

- * Port health clearances procedures for vessels arriving Singapore
- * Port clearance formalities for arriving and departing vessels
- * Reporting of marine incidents in port
- * Dissemination of passage plan to shipmasters
- * Conduct of mandatory port limit courses
- * Facilities for the collection of garbage from ships in Singapore
- * Singapore Port Dues

4. Navigational Information

- * Anchorages and Fairways, Least depths of anchorages in the port
- * The use of canoes and kayaks within the port limits of Singapore
- * Depths of navigational channels, fairways, rivers and basins
- * Vertical and safe overhead clearance under bridges and aerial cableway

5. Information on Aids to Navigation

- * IALA Maritime Buoyage System
- * Characteristics of Aids to Navigation - List of beacons, buoys and lighthouses
- * Abbreviations for light characters and colours on light buoys and beacons
- * Semaphore tower at Pulau Satumu - Raffles Lighthouse

II

NEW CHARTS AND PUBLICATIONS

NEW EDITION SINGAPORE PORT INFORMATION 2022/2023 PUBLISHED ON 1st JANUARY 2022

6. Information on Wharves, Docks and Berths

7. Communication - International Code of Signals

8. Nautical Services and Products

- * Index and chart catalogue of Singaporean Charts
- * Index and chart catalogue of Dual Badged Charts
- * Maritime and Port Authority of Singapore - Nautical Charts and Publications Distributors
- * Singapore Electronic Navigational Charts Catalogue and Distributors
- * Feedback Form
- * Singapore DGPS Correction Service

It will be useful for the following users:

Mariners, shipping community, port users and other interested users.







Frequency/Year of Publication

Once every 2 years

This publication can be purchased at any of our MPA Nautical Chart and Publications Distributors. Information can be found on the following link :

<http://www.mpa.gov.sg/web/portal/home/media-centre/publications/singapore-port-information>

II NOTICES TO MARINERS AND CHART CORRECTIONS

| | | | |
|---------------|--|-----------------------|------------------|
| 202 | 8 Ed 15/09/16 Last NM 92/2021 (Malaysia Marine Department Notice No. 220/2021) | | NM 7/2022 |
| Insert |  <i>Kukup S1, Fl(2)G.5s</i> | 1°16'90"N | 103°26'76"E |
| |  <i>Kukup P2, Fl(2)R.5s</i> | 1°17'28"N | 103°26'49"E |
| <hr/> | | | |
| 500 | 8 Ed 15/08/14 Last NM 82/2021 (Malaysia Marine Department Notice No. 220/2021) | | NM 7/2022 |
| Insert |  <i>Kukup S1, Fl(2)G.5s</i> | 1°16'90"N | 103°26'76"E |
| |  <i>Kukup P2, Fl(2)R.5s</i> | 1°17'28"N | 103°26'49"E |
| <hr/> | | | |
| 502 | 9 Ed 15/10/21 Last NM 02/2022 (Indonesian Notice No. 52/671/2021) | | NM 8/2022 |
| Delete | limit of anchorage area, pecked line, joining: | 1°07'00"N (border) | 104°10'33"E |
| | | 1°08'26"N | 104°11'69"E |
| | | 1°08'26"N | 104°12'14"E |
| | | 1°07'00"N (border) | 104°11'91"E |
| | to: | | |
| Delete |  symbol | 1°07'58"N | 104°11'55"E |
| Insert | limit of anchorage area, pecked line, joining: | 1°07'00"N (border) | 104°10'20"E |
| | | 1°08'26"N | 104°11'14"E |
| | | 1°08'26"N | 104°11'69"E |
| | to: | 1°07'00"N (border) | 104°11'52"E |
| Insert |  symbol | 1°07'49"N | 104°11'10"E |

II
TEMPORARY AND PRELIMINARY NOTICES

NIL

II
TEMPORARY AND PRELIMINARY NOTICES

Cancelled Temporary and Preliminary Notices

NIL

III NAVIGATIONAL INFORMATION

*(NM 9/2022)

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-notices>

PMC No.**Subject**

48/2021

Extension of assistance to Singaporean seafarers under the seafarers relief package

01/2022

List of active Port Marine Circulars

PMN No.**Subject**

01/2022

Removal of marine working platforms and marker buoys

02/2022

Water sampling off Pulau Seletar

04/2022

Installation of jetty and floating pontoons at Coney Island

06/2022

Underwater works South of Pulau Bukom Kechil

*Source: Maritime and Port Authority of Singapore

III
AMENDMENTS TO PUBLICATIONS

NIL

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.

TT807

THERE IS A REPORT OF AN ATTEMPTED BOARDING ON 10 JAN 2022 AT 2140LT IN POSITION LAT 01-13.77N LONG 103-32.16E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH

TT806

THERE IS A REPORT OF AN UNAUTHORISED BOARDING ON 08 JAN 2022 AT 0540LT IN POSITION LAT 01-16.18N LONG 104-13.96E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT805

THERE IS A REPORT OF AN UNAUTHORISED BOARDING ON 08 JAN 2022 AT 0242LT IN POSITION LAT 01-16.55N LONG 104-16.54E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT788 (AMENDED ON 08 DEC 2021 0250UTC)

RACON CODE K (3 & 10 CM) AT SULTAN SHOAL LIGHTHOUSE IN POSN LAT 01 14.377N LONG 103 38.884E HAS BEEN TEMPORARILY REMOVED FOR MAINTENANCE. MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT783 (AMENDED ON 221130UTC NOV 21)

BANYAN BEACON AT POSITION 01-13.346 N 103-41.585E WAS REMOVED FOR MAINTENANCE. AN ISO DANGER BUOY WITH LIGHT CHARACTER, FL(2) 10S IS DEPLOYED AT POSITION 01-13.313N, 103-41.543E.

IV

REPRINT OF MARITIME SAFETY INFORMATION

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

TT771

BUFFALO ROCK ISOLATED DANGER BUOY IN THE CHARTED POSITION 01-09.410N 103-48.800E WAS RE-PORTED UNLIT. ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT765 (Amended 200930H)

CONDUCTING OF RECLAMATION WORKS BOUNDED BY THE FOLLOWING COORDINATES FROM 1 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.

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-PEGBB 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.

SR123 (AMENDED ON 100800UTC JUNE 2020).

SEA ROBBERIES ARE REPORTED IN THE SINGAPORE STRAIT. MARINERS ARE TO MAINTAIN A CONSTANT VISUAL AND RADAR WATCH FOR SMALL CRAFT AND REPORT ANY SUSPICIOUS ACTIVITIES IN THE SINGAPORE STRAIT TO VTIS SINGAPORE

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 28th January 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>

138 SINGAPORE STRAIT - Maritime limit. Legend.

Source: Maritime and Port Authority of Singapore

Chart 3831 [*previous update 5045/21*] WGS84 DATUM

| | | |
|--------|---|---|
| Insert | maritime limit, pecked line, joining: | <p>1° 19'·63N., 104° 24'·08E.</p> <p>1° 20'·05N., 104° 24'·08E.</p> <p>1° 20'·28N., 104° 24'·51E.</p> <p>1° 20'·26N., 104° 24'·59E.</p> <p>1° 20'·18N., 104° 24'·70E.</p> <p>(a) 1° 20'·06N., 104° 24'·78E.</p> <p>(b) 1° 19'·88N., 104° 24'·84E.</p> <p>1° 19'·68N., 104° 24'·83E.</p> <p>1° 19'·63N., 104° 24'·80E.</p> |
| | legend, Works in progress (2021), close E of: | <p>(a)-(b) above</p> |

144* SINGAPORE STRAIT - Submarine cables.

Source: Maritime and Port Authority of Singapore

Chart 4042 [*previous update 5184/21*] WGS84 DATUM

| | | |
|--------|---------------------------------------|---|
| Insert | submarine cable, ~~~, joining: | <p>(a) 1° 13'·95N., 104° 06'·74E.</p> <p>1° 14'·02N., 104° 06'·90E.</p> <p>(b) 1° 13'·91N., 104° 06'·94E.</p> |
| Delete | former submarine cable, ~~~, joining: | <p>(a)-(b) above</p> |

145* SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 4030 [*previous update 5103/21*] WGS84 DATUM

| | | |
|--------|--|------------------------------|
| Insert |  Fl.R..5s TMS 3 | 1° 16'·198N., 103° 38'·707E. |
|--------|--|------------------------------|

Chart 4033 [*previous update 5095/21*] WGS84 DATUM

| | | |
|--------|--|------------------------------|
| Insert |  Fl.R..5s TMS 3 | 1° 16'·198N., 103° 38'·707E. |
|--------|--|------------------------------|

Chart 4038 [*previous update 4743/21*] WGS84 DATUM

| | | |
|--------|--|----------------------------|
| Insert |  Fl.R..5s TMS 3 | 1° 16'·20N., 103° 38'·71E. |
|--------|--|----------------------------|

Chart 4040 [*previous update New Edition 02/12/2021*] WGS84 DATUM

| | | |
|--------|--|----------------------------|
| Insert |  Fl.R..5s TMS 3 | 1° 16'·20N., 103° 38'·71E. |
|--------|--|----------------------------|

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>

176* SINGAPORE - Buoyage.

Source: Maritime and Port Authority of Singapore

Chart 4030 [*previous update 145/22*] WGS84 DATUM

| | | |
|--------|--|------------------------------|
| Insert |  <i>Fl.R.4s TMS-2</i> | 1° 15'·238N., 103° 38'·806E. |
|--------|--|------------------------------|

| | | |
|--------|--|------------------------------|
| Delete |  <i>Fl.R.4s TMS 2</i> | 1° 15'·378N., 103° 38'·742E. |
|--------|--|------------------------------|

Chart 4031 [*previous update 5103/21*] WGS84 DATUM

| | | |
|--------|--|------------------------------|
| Insert |  <i>Fl.R.4s TMS-2</i> | 1° 15'·238N., 103° 38'·806E. |
|--------|--|------------------------------|

| | | |
|--------|--|------------------------------|
| Delete |  <i>Fl.R.4s TMS 2</i> | 1° 15'·378N., 103° 38'·742E. |
|--------|--|------------------------------|

Chart 4033 [*previous update 145/22*] WGS84 DATUM

| | | |
|--------|---|------------------------------|
| Insert |  <i>Fl.R.4s TMS-2</i> | 1° 15'·238N., 103° 38'·806E. |
|--------|---|------------------------------|

| | | |
|--------|--|------------------------------|
| Delete |  <i>Fl.R.4s TMS 2</i> | 1° 15'·378N., 103° 38'·742E. |
|--------|--|------------------------------|

Chart 4038 [*previous update 145/22*] WGS84 DATUM

| | | |
|------|--|----------------------------|
| Move |  <i>Fl.R.4s TMS-2</i> , from: | 1° 15'·38N., 103° 38'·74E. |
|------|--|----------------------------|

| | | |
|--|-----|----------------------------|
| | to: | 1° 15'·24N., 103° 38'·81E. |
|--|-----|----------------------------|

Chart 4040 [*previous update 145/22*] WGS84 DATUM

| | | |
|------|--|----------------------------|
| Move |  <i>Fl.R.4s TMS-2</i> , from: | 1° 15'·38N., 103° 38'·74E. |
|------|--|----------------------------|

| | | |
|--|-----|----------------------------|
| | to: | 1° 15'·24N., 103° 38'·81E. |
|--|-----|----------------------------|

234* SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 4030 [*previous update 176/22*] WGS84 DATUM

| | | |
|--------|--|------------------------------|
| Delete |  <i>Fl.R.5s F1JV-03</i> | 1° 16'·297N., 103° 38'·709E. |
|--------|--|------------------------------|

Chart 4033 [*previous update 176/22*] WGS84 DATUM

| | | |
|--------|--|------------------------------|
| Delete |  <i>Fl.R.5s F1JV-03</i> | 1° 16'·297N., 103° 38'·709E. |
|--------|--|------------------------------|

Chart 4038 [*previous update 176/22*] WGS84 DATUM

| | | |
|--------|--|----------------------------|
| Delete |  <i>Fl.R.5s F1JV-03</i> | 1° 16'·30N., 103° 38'·71E. |
|--------|--|----------------------------|

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 4040 [*previous update 176/22*] WGS84 DATUM

Delete  *Fl.R.5s FIJV-03* 1° 16'·30N., 103° 38'·71E.

284* SINGAPORE - Buoyage.

Source: Maritime and Port Authority of Singapore

Chart 4030 [*previous update 234/22*] WGS84 DATUM

Delete  *Fl(3)R.10s FIJV 02* 1° 15'·910N., 103° 38'·709E.

Chart 4031 [*previous update 234/21*] WGS84 DATUM

Delete  *Fl(3)R.10s FIJV 02* 1° 15'·910N., 103° 38'·709E.

Chart 4033 [*previous update 234/22*] WGS84 DATUM

Delete  *Fl(3)R.10s FIJV 02* 1° 15'·910N., 103° 38'·709E.

Chart 4038 [*previous update 234/22*] WGS84 DATUM

Delete  *Fl(3)R.10s FIJV 02* 1° 15'·91N., 103° 38'·71E.

Chart 4040 [*previous update 234/22*] WGS84 DATUM

Delete  *Fl(3)R.10s FIJV 02* 1° 15'·91N., 103° 38'·71E.

Updated to Admiralty Notices to Mariners no. 04 of 2022 dated 27th January 2022

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 : 1800 272 7777 / (65) 6272 7777

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 :

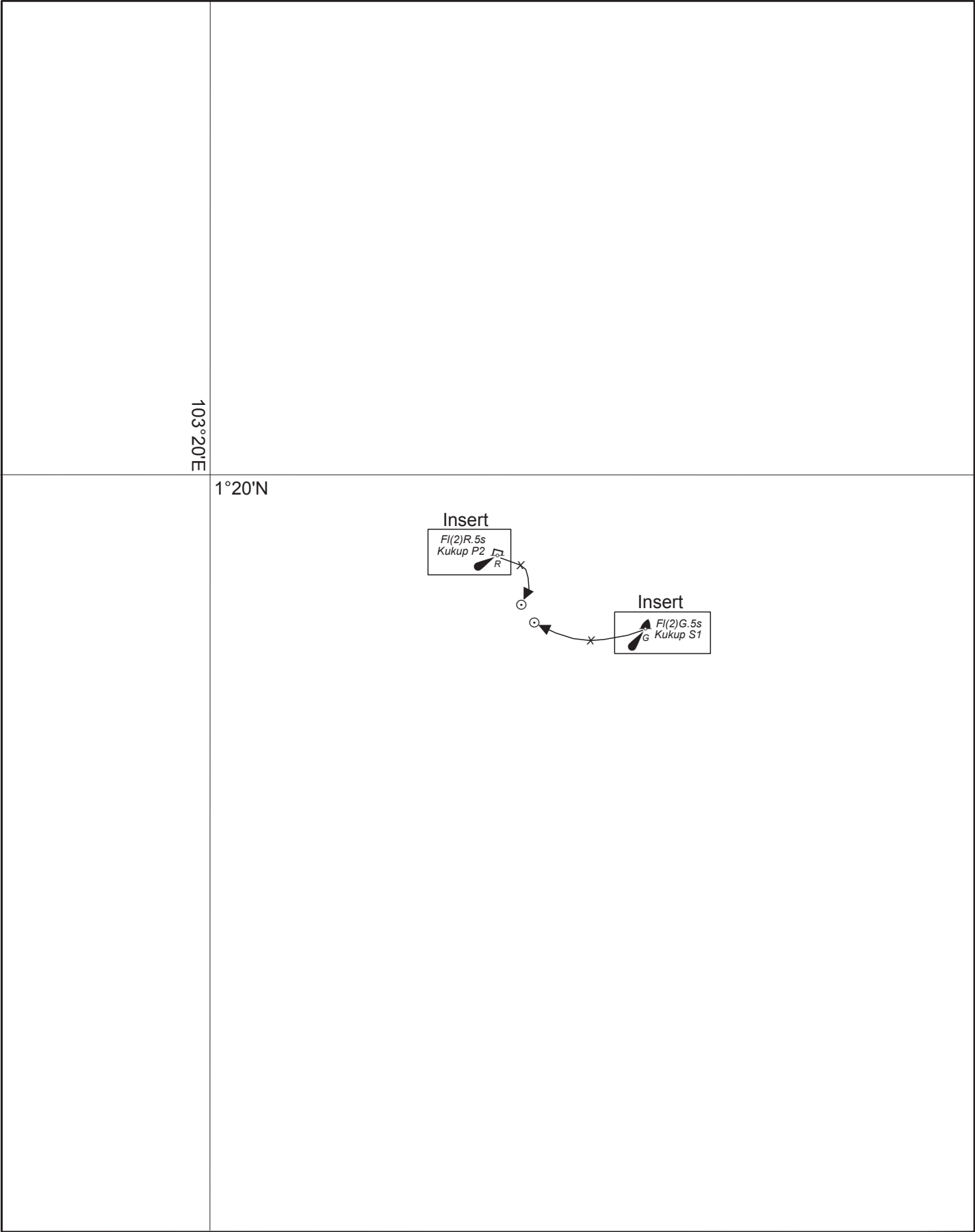
Equipment Used :

Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

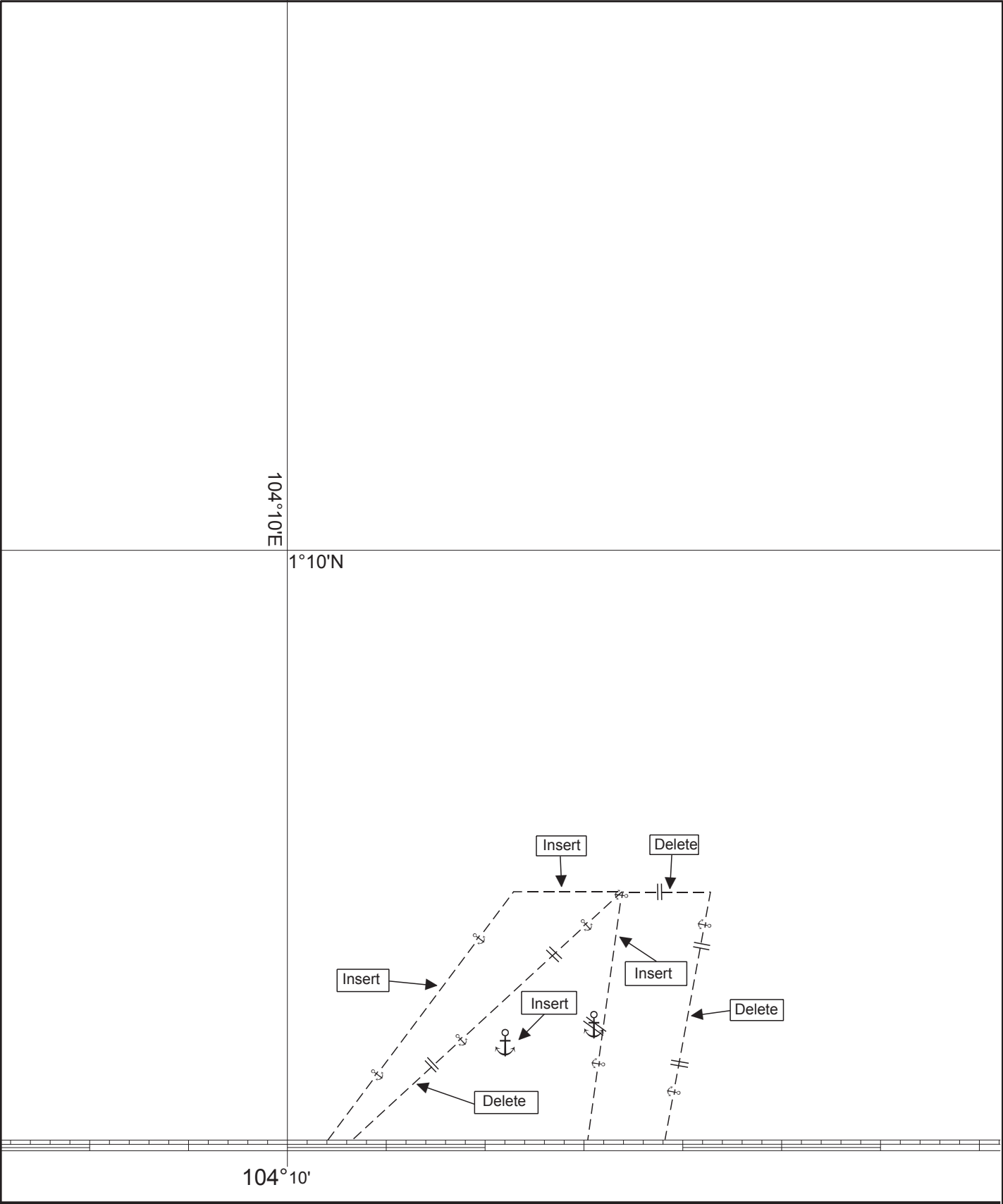
Name and Signature :

Ship's/Company's Stamp :



| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|--|
| | | | | | | |
| 7 | 2/2022 | 92/2021 | 202 | X | | |

Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer



| | | | | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|---|
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | | | |
| 8 | 2/2022 | 2 | 502 | | | X |

Caution : some computer printers might distort the tracings.
Users are advised to check and, if necessary, adjust settings on the printer