



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

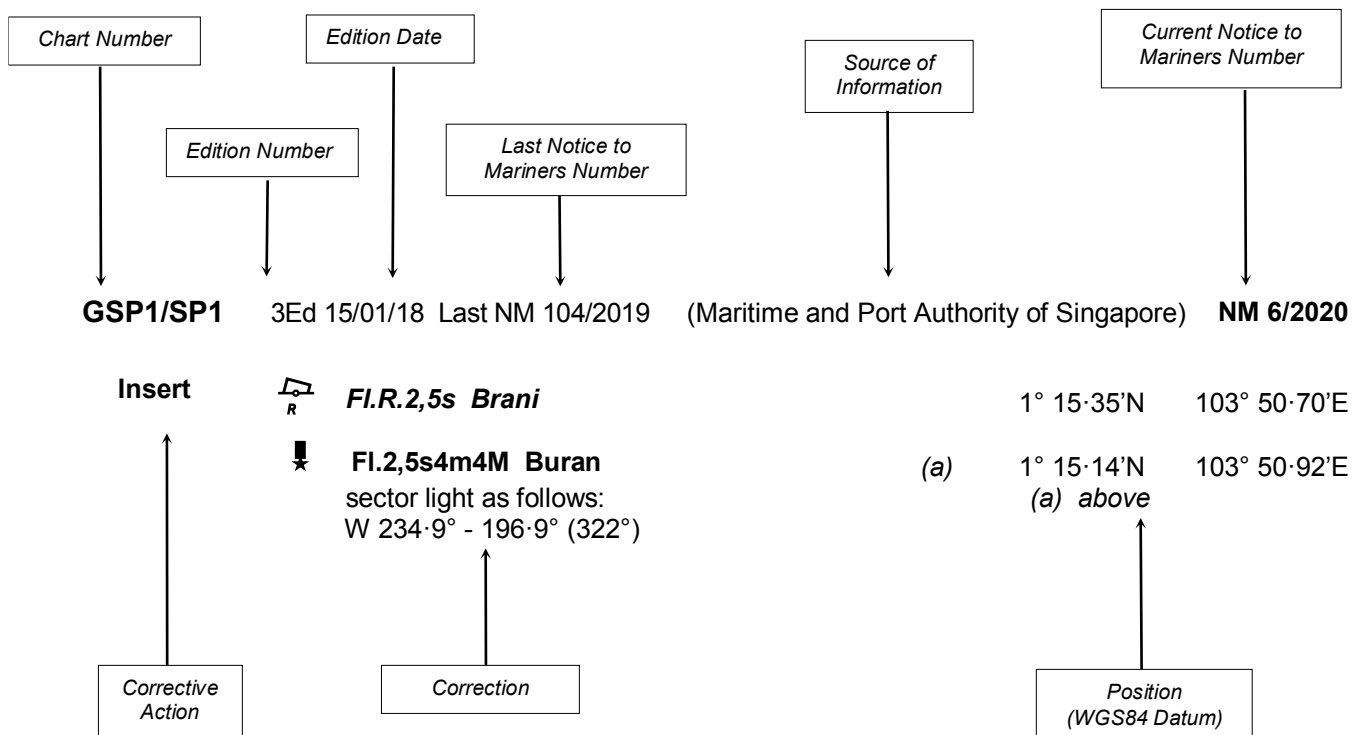
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singaporean ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



Notes:

- a) Notice to Mariners number followed by:
T indicates a Temporary Notice (eg. **NM 9T/2020**).
P indicates a Preliminary Notice (eg. **NM 10P/2020**).
- b) Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward.
- c) Heights and elevations are above Mean High Water Springs.
- d) # indicates where amendments are made.
- e) * indicates source from Maritime and Port Authority of Singapore.

I
AFFECTED CHARTS AND PUBLICATIONS

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*Source : Maritime and Port Authority of Singapore

I
AFFECTED CHARTS AND PUBLICATIONS

INDEX OF NOTICES

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*Source : Maritime and Port Authority of Singapore

II

NEW CHARTS AND PUBLICATIONS

NEW EDITION DUAL BADGED CHARTS PUBLISHED ON 8TH OCTOBER 2020

| | |
|-----------------------|--|
| Chart Number | : 4033 |
| Title | : Port of Singapore Tuas Bay, West Jurong Channel and Pesek Basin |
| Coverage | : Lat 01° 15·00' N 01° 19·05' N Long 103° 36·80' E 103° 42·70' E |
| Scale | : 1 : 10 000 |
| Date Published | : 8 th October 2020 |
| Size of Chart | : 1094.4 x 746.4 mm |
| Description | : This new edition includes changes to aids to navigation, topography west of Jurong Island, working area off Temasek Fairway, new cable tunnel and pipeline of West Jurong Channel, updated surveys covering Temasek Fairway, West Jurong Channel, Tuas View Reclamation and Pesek Basin. |

The existing chart of the same number published on 20th September 2018 has been superseded.

NEW EDITION DUAL BADGED CHARTS PUBLISHED ON 22ND OCTOBER 2020

| | |
|-----------------------|--|
| Chart Number | : 4035 |
| Title | : Port of Singapore Western Anchorages, Jong Fairway and Cruise Bay |
| Coverage | : Lat 01° 10·90' N 01° 16·90' N Long 103° 45·50' E 103° 49·54' E |
| Scale | : 1 : 10 000 |
| Date Published | : 22 nd October 2020 |
| Size of Chart | : 749.4 x 1105.7 mm |
| Description | : This new edition includes changes to aids to navigation, vertical clearance for Cruise Bay, shoreline east of Pulau Sebarok and Pulau Bukom, dredged depths of berths around Pasir Panjang and Pulau Bukom, updated surveys covering East Jurong Channel, Sinki Fairway, Jong Fairway, Southern Fairway, Pasir Panjang, Pulau Bukom, Selat Pauh, portion of Western Anchorage, south of Pulau Semakau and Pulau Sebarok. |

The existing chart of the same number published on 20th September 2018 has been superseded.

| | |
|-----------------------|--|
| Chart Number | : 4036 |
| Title | : Port of Singapore Raffles Lighthouse to The Sisters |
| Coverage | : Lat 01° 09·40' N 01° 13·47' N Long 103° 44·20' E 103° 50·13' E |
| Scale | : 1 : 10 000 |
| Date Published | : 22 nd October 2020 |
| Size of Chart | : 1100.0 x 750.1 mm |
| Description | : This new edition includes changes to aids to navigation, shoreline east of Pulau Sebarok, dredged depths of berths around Pulau Sebarok, updated surveys covering, Jong Fairway, Southern Fairway, south of Pulau Bukom, Selat Pauh, south of Raffles Reserved Anchorage, west and south of Pulau Semakau, south of Pulau Sebarok, Pulau Satumu and Main Strait. |

The existing chart of the same number published on 20th September 2018 has been superseded.

II

NEW CHARTS AND PUBLICATIONS

Chart Number : 4037

Title : Port of Singapore
Keppel Harbour, Tanjong Pagar Terminal and Approaches

Coverage : Lat 01° 12·52' N 01° 16·59' N
Long 103° 49·40' E 103° 55·34' E

Scale : 1 : 10 000

Date Published : 22nd October 2020

Size of Chart : 1101.8 x 750.1 mm

Description : This new edition includes changes to aids to navigation, dredged depth of berth at Marina Bay Cruise Centre, updated surveys covering East Keppel Fairway, Southern Fairway, Buran Channel, south of Marina South, Eastern Holding A Anchorage and westbound lane of Traffic Separation Scheme.

The existing chart of the same number published on 20th September 2018 has been superseded.

NEW EDITION DUAL BADGED CHARTS PUBLISHED ON 29TH OCTOBER 2020

Chart Number : 4030

Title : Port of Singapore
West Jurong Anchorages and Temasek Fairway

Coverage : Lat 01° 11·05' N 01° 17·00' N
Long 103° 36·70' E 103° 40·70' E

Scale : 1 : 10 000

Date Published : 29th October 2020

Size of Chart : 742.0 x 1096.5 mm

Description : This new edition includes changes to aids to navigation, topography west of Jurong Island, reclamation profile, working area, new berth and submarine cables off Tuas View Extension, updated surveys covering Tuas View Extension, Temasek Fairway and westbound lane of the Traffic Separation Scheme.

The existing chart of the same number published on 20th September 2018 has been superseded.

Chart Number : 4031

Title : Port of Singapore
Western Approaches to Jurong Island

Coverage : Lat 01° 10·15' N 01° 16·12' N
Long 103° 38·50' E 103° 42·53' E

Scale : 1 : 10 000

Date Published : 29th October 2020

Size of Chart : 747.6 x 1100.2 mm

Description : This new edition includes changes to aids to navigation, topography west of Jurong Island, reclamation profile, working area, new berth and submarine cables off Tuas View Extension, updated surveys covering Tuas view Extension, Temasek Fairway, portion of Sinki Fairway and westbound lane of the Traffic Separation Scheme.

The existing chart of the same number published on 20th September 2018 has been superseded.

II

NEW CHARTS AND PUBLICATIONS

NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 5TH NOVEMBER 2020

| | |
|-----------------------------|---|
| Chart Number | : 4032 |
| Title | : Port of Singapore Sinki Fairway |
| Coverage | : Lat 01° 12'25" N 01° 16'30" N Long 103° 40'20" E 103° 46'13" E |
| Scale | : 1 : 10 000 |
| Date to be Published | : 5 th November 2020 |
| Size of Chart | : 1100.0 x 746.4 mm |
| Description | : This new edition includes changes to aids to navigation, dredged depths of berths around Pasir Panjang and Pulau Bukom, updated surveys covering Sinki Fairway, Selat Pauh, East Jurong Channel and Jong Fairway. |
| | The existing chart of the same number published on 20 th September 2018 will be superseded. |

| | |
|-----------------------------|---|
| Chart Number | : 4034 |
| Title | : Port of Singapore East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway |
| Coverage | : Lat 01° 14'50" N 01° 18'55" N Long 103° 42'70" E 103° 48'60" E |
| Scale | : 1 : 10 000 |
| Date to be Published | : 5 th November 2020 |
| Size of Chart | : 1094.4 x 746.4 mm |
| Description | : This new edition includes changes to aids to navigation, vertical clearance for Cruise Bay, shoreline south of Pulau Damar Laut, dredged depths of berths around Pulau Damar Laut, northeast of Pulau Seraya, Sakra Basin and Pasir Panjang, updated surveys covering East Jurong Channel, Sinki Fairway and Western Anchorage. |
| | The existing chart of the same number published on 20 th September 2018 will be superseded. |

NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 12TH NOVEMBER 2020

| | |
|-----------------------------|--|
| Chart Number | : 4041 |
| Title | : Singapore and Indonesia Pulau Sebarok to Changi |
| Coverage | : Lat 01° 07'40" N 01° 19'60" N Long 103° 46'90" E 104° 04'70" E |
| Scale | : 1 : 30 000 |
| Date to be Published | : 12 th November 2020 |
| Size of Chart | : 1100.6 x 749.5 mm |
| Description | : This new edition includes changes to aids to navigation, submarine cables, vertical clearance for Cruise Bay, shoreline east of Pulau Sebarok and south of Changi East, updated surveys covering Jong Fairway, Southern Fairway, Sisters Fairway, West Keppel Fairway, East Keppel Fairway, Buran Channel, South of Pulau Semakau, Pulau Sebarok, portion of western anchorages, portion of eastern anchorages, Changi East and Main Strait. |
| | The existing chart of the same number published on 12 th September 2019 will be superseded. |

II

NEW CHARTS AND PUBLICATIONS

NEW EDITION SINGAPORE ENC RELEASED ON 8TH OCTOBER 2020

ENC Name : SG5C4033

Location : Tuas Bay, West Jurong Channel and Pesek Basin

Coverage : Lat 01° 16·300' N 01° 19·050' N
Long 103° 37·600' E 103° 42·700' E

Compilation Scale : 1 : 8 000

Date Released : 8th October 2020

Description : This new edition includes changes to aids to navigation, topography west of Jurong Island, new pipeline of West Jurong Channel, updated surveys covering West Jurong Channel and Pesek Basin.

The existing cell of the same name released on 20th September 2018 has been superseded.

NEW EDITION SINGAPORE ENC RELEASED ON 22ND OCTOBER 2020

ENC Name : SG5C4035

Location : Western Anchorages, Jong Fairway and Cruise Bay

Coverage : Lat 01° 10·900' N 01° 16·900' N
Long 103° 45·580' E 103° 49·420' E

Compilation Scale : 1 : 8 000

Date Released : 22nd October 2020

Description : This new edition includes changes to aids to navigation, vertical clearance for Cruise Bay, shoreline east of Pulau Sebarok and Pulau Bukom, dredged depths of berths around Pasir Panjang and Pulau Bukom, updated surveys covering East Jurong Channel, Sinki Fairway, Jong Fairway, Southern Fairway, Pasir Panjang, Pulau Bukom, Selat Pauh, portion of Western Anchorage, south of Pulau Semakau and Pulau Sebarok.

The existing cell of the same name released on 20th September 2018 has been superseded.

ENC Name : SG5C4036

Location : Raffles Lighthouse to The Sisters

Coverage : Lat 01° 09·400' N 01° 12·520' N
Long 103° 44·200' E 103° 50·130' E

Compilation Scale : 1 : 8 000

Date Released : 22nd October 2020

Description : This new edition includes changes to aids to navigation, updated surveys covering Southern Fairway, south of Pulau Bukom, south of Raffles Reserved Anchorage, west and south of Pulau Semakau, Pulau Satumu and Main Strait.

The existing cell of the same name released on 20th September 2018 has been superseded.

II

NEW CHARTS AND PUBLICATIONS

NEW EDITION SINGAPORE ENC RELEASED ON 22ND OCTOBER 2020

ENC Name : SG5C4037

Location : Keppel Harbour, Tanjong Pagar Terminal and Approaches

Coverage : Lat 01° 12·520' N 01° 16·590' N
Long 103° 49·420' E 103° 55·340' E

Compilation Scale : 1 : 8 000

Date Released : 22nd October 2020

Description : This new edition includes changes to aids to navigation, dredged depth of berth at Marina Bay Cruise centre, updated surveys covering East Keppel Fairway, Southern Fairway, Buran Channel, south of Marina South, Eastern Holding A Anchorage and westbound lane of Traffic Separation Scheme.

The existing cell of the same name released on 20th September 2018 has been superseded.

NEW EDITION SINGAPORE ENC RELEASED ON 29TH OCTOBER 2020

ENC Name : SG5C4030

Location : Western Jurong Anchorages and Temasek Fairway

Coverage : Lat 01° 11·050' N 01° 16·300' N
Long 103° 36·700' E 103° 40·640' E

Compilation Scale : 1 : 8 000

Date Released : 29th October 2020

Description : This new edition includes changes to aids to navigation, topography west of Jurong Island, reclamation profile, working area, new berth and submarine cables off Tuas View Extension, updated surveys covering Tuas View Extension, Temasek Fairway and westbound lane of the Traffic Separation Scheme.

The existing cell of the same name released on 20th September 2018 has been superseded.

ENC Name : SG5C4031

Location : Western Approaches to Jurong Island

Coverage : Lat 01° 10·150' N 01° 12·250' N
Long 103° 38·500' E 103° 42·530' E

Compilation Scale : 1 : 8 000

Date Released : 29th October 2020

Description : This new edition includes changes to aids to navigation, updated surveys covering westbound lane of the Traffic Separation Scheme.

The existing cell of the same name released on 20th September 2018 has been superseded.

II NEW CHARTS AND PUBLICATIONS

NEW EDITION SINGAPORE ENC TO BE RELEASED ON 5TH NOVEMBER 2020

ENC Name : SG5C4032

Location : Sinki Fairway

Coverage : Lat 01° 12'250' N 01° 16'300' N
Long 103° 40'640' E 103° 45'580' E

Compilation Scale : 1 : 8000

Date to be Released : 5th November 2020

Description : This new edition includes changes to aids to navigation, dredged depths of berths around Pulau Bukom, updated surveys covering Sinki Fairway, Selat Pauh, and East Jurong Channel.

The existing cell of the same name released on 20th September 2018 will be superseded.

ENC Name : SG5C4034

Location : East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway

Coverage : Lat 01° 16'300' N 01° 18'550' N
Long 103° 42'700' E 103° 46'360' E

Compilation Scale : 1 : 8000

Date to be Released : 5th November 2020

Description : This new edition includes changes to aids to navigation, shoreline south of Pulau Damar Laut, dredged depths of berths around Pulau Damar Laut, northeast of Pulau Seraya and Pasir Panjang, updated surveys covering East Jurong Channel and Sinki Fairway.

The existing cell of the same name released on 20th September 2018 will be superseded.

NEW EDITION SINGAPORE ENC TO BE RELEASED ON 12TH NOVEMBER 2020

ENC Name : SG5C4041

Location : Pulau Sebarok to Changi

Coverage : Lat 01° 07'400' N 01° 19'600' N
Long 103° 45'600' E 104° 04'700' E

Compilation Scale : 1 : 22 000










Date to be Released : 12th November 2020

Description : This new edition includes changes to aids to navigation, submarine cables, shoreline south of Changi East, updated surveys covering portion of eastern anchorages and Main Strait.

The existing cell of the same name released on 12th September 2019 will be superseded.

II

NOTICES TO MARINERS AND CHART CORRECTIONS

| | | | |
|-----------------|---|---|------------------------------|
| GSP1/SP1 | 4 Ed 15/02/20 Last NM 65/2020 | (Maritime and Port Authority of Singapore) | NM 72/2020 |
| Insert |  Q(6)+LFl.15s South Ubin | 1°24·04' N | 103°58·22' E |
| | | (Royal Malaysian Navy Notice no. 7/137T/2017) | NM 73/2020 |
| Insert |  Wk | 1°17·85' N | 104°07·22' E |
| | | (Royal Malaysian Navy Notice no. 11/262/2018) | NM 74/2020 |
| | | <i>Note:</i> Former notice 74T/2017 is cancelled | |
| Insert |  Fl(2)10s | 1°17·88' N | 104°07·24' E |
| | | (Maritime and Port Authority of Singapore) | NM 75/2020 |
| | | <i>Note:</i> These changes will come into operation on 27 November 2020 | |
| Delete |  VHF 21 | 1°24·87' N | 104°00·23' E |
| Move |  VHF 21 | from: 1°22·70' N to: 1°22·42' N | 104°01·64' E 104°01·93' E |
| Insert |  VHF 21, direction of vessel movement 129°/309° | 1°23·08' N | 104°01·02' E |
| |  VHF 21, direction of vessel movement 173° | 1°25·21' N | 103°59·93' E |
| <hr/> | | | |
| 502 | 8 Ed 12/09/19 Last NM 67/2020 | (Royal Malaysian Navy Notice no. 7/137T/2017) | NM 73/2020 |
| Insert |  Wk | 1°17·85' N | 104°07·22' E |
| | | (Royal Malaysian Navy Notice no. 11/262/2018) | NM 74/2020 |
| | | <i>Note:</i> Former notice 74T/2017 is cancelled | |
| Insert |  Fl(2)10s | 1°17·88' N | 104°07·24' E |

II

TEMPORARY AND PRELIMINARY NOTICES

NIL

II

TEMPORARY AND PRELIMINARY NOTICES

Cancelled Temporary and Preliminary Notices

| <i>No. of Notice</i> | <i>Subject</i> | <i>Charts Affected</i> |
|--------------------------|---|--|
| 74T/2017 | Singapore Strait - Installation of isolated danger buoy at Offshore Johor | Singaporean GSP1/SP1, 202, 502 Dual-Badged BA4042, BA4043 |
| 27T/2020 | New obstruction off Singapore Cruise Centre, Cruise Bay | Singaporean GSP1/SP1, 202, 501 Dual-Badged BA4035, BA4040, BA4041 |

III NAVIGATIONAL INFORMATION

*(NM 76/2020) 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:

<https://www.mpa.gov.sg/web/portal/home/port-of-singapore/circulars-and-notice>

| PMC No. | Subject |
|----------------|---|
| 37/2020 | Revision of number of persons onboard pleasure craft in the Port of Singapore |
| 38/2020 | Further enhancements to crew change for cargo ships in the Port of Singapore |
| 39/2020 | Extension of assistance to Singaporean seafarers under the Seafarers Relief Package |
| 40/2020 | Oil spill response equipment and vessel rates in Singapore |
| 41/2020 | VHF radio telephone reporting procedures for vessel manoeuvring within the Traffic Information Area(TIA) in the East Johor Strait |

| PMN No. | Subject |
|----------------|---|
| 61/2020 | Marine soil investigation works at Tuas Bay and Tuas Basin |
| 63/2020 | Reclamation work at Pulau Tekong |
| 64/2020 | Mooring and unmooring of vessels off Pulau Tekong |
| 65/2020 | Marine soil investigation works off Jurong Terminal |
| 66/2020 | Publication of New Edition Dual Badged Chart 4033 |
| 67/2020 | New edition Singapore ENC to be released on 08th October 2020 |
| 68/2020 | New edition Singapore ENC to be released on 22nd October 2020 |
| 69/2020 | Publication of New Edition Dual Badged Charts 4030 and 4031 |
| 70/2020 | Publication of New Edition Dual Badged Charts 4035, 4036 and 4037 |
| 71/2020 | New Edition Singapore ENC to be released on the 29th October 2020 |
| 74/2020 | Kusu Pilgrimage season 2020 |
| 75/2020 | Road access to Marina South Pier during Kusu Pilgrimage season 2020 |

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 77/2020) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2020/2021”

VHF RADIO TELEPHONE REPORTING PROCEDURES FOR VESSEL MANOEUVRING WITHIN THE TRAFFIC INFORMATION AREA (TIA) IN THE EAST JOHOR STRAIT

Note: These changes will come into operation on 27 November 2020

1. Page 53

Amend the following:

INTRODUCTION

- 1 Former Port Marine Circular No. **3 of 2016 dated 19 January 2016[#]** is cancelled. This is a reproduction of the circular with amendments.

2. Page 54

Amend the following:

SEMBAWANG CONTROL STATION[#]

- 5 **All movements of vessels are to be reported to Sembawang Control Station. It operates on VHF Channel 21 and the reserve channel is VHF Channel 13.**

3. Page 55

Delete the following:

- Malang Tiga Buoy Lat 01°23·04'N Long 104°01·42'E (WGS84) is abeam;

Insert the following:

- **Point 1 Lat 1°22·42'N Long 104°01·93'E (WGS84)**
- **Point 2 Lat 1°23·08'N Long 104°01·02'E (WGS84)**

Delete the following:

Note: The various ETAs, referred to in paragraph 13 (h), are used for the co-ordination of aircraft traffic. It is important that such ETAs are accurate. The locations of the reporting points are given in Appendix 2.

Insert the following:

Note: The various ETAs, referred to in paragraph 13 (h), are used for the co-ordination of aircraft traffic. It is important that such ETAs are accurate. The locations of the reporting points are given in Chartlet 2.

4. Page 56

Amend the following:

CHANGES TO ETA

- (a) the declared ETA for **Point 1 Lat 1°22·42'N Long 104°01·93'E, Point 2 Lat 1°23·08'N Long 104°01·02'E[#]**, Paku Buoy, Malang Papan Beacon, West Tekong Buoy or **north east[#]** of Pulau Ubin differs by 2 minutes from the last declared ETA; and

CLARIFICATION

- 19 For clarification on this circular, please contact the watch manager of Sembawang Control at Tel: **6481 5848[#]** (email: scc@mpa.gov.sg).

III AMENDMENTS TO PUBLICATIONS

5. Page 57

Replace page 57 with the following:

Appendix 1

The East Johor Strait (EJS) is the stretch of water contained within the following geographical co-ordinates (WGS84) up to the Causeway in the Johor Strait (the numbers in brackets providing positional references).

| | | Latitude | Longitude |
|------------|-----|--|--------------|
| From Point | (1) | 01°17.788'N | 104°07.150'E |
| | (2) | 01°17.449'N | 104°05.206'E |
| | (3) | 01°18.783'N | 104°04.258'E |
| | (4) | 01°19.997'N | 104°03.060'E |
| | (5) | 01°19.997'N | 104°02.693'E |
| | (6) | 01°20.313'N | 104°01.514'E |
| | | thence along the coastline, along the causeway and then along the Singapore Port Limit | |
| | (1) | 01°17.788'N | 104°07.150'E |

(Please see chartlet 1)

Appendix 2

The Traffic Information Area (TIA) is bounded by the following geographical co-ordinates (WGS84). (The numbers in brackets provides positional references).

| | | Latitude | Longitude | |
|------------|------|------------|-------------|-------------------------|
| From Point | (1) | 01°25.33'N | 103°54.69'E | (Punggol Buoy) |
| | (2) | 01°24.22'N | 103°55.85'E | |
| | (3) | 01°22.98'N | 103°57.92'E | (Loyang Beacon) |
| | (4) | 01°23.52'N | 103°58.34'E | (Fairy Beacon) |
| | (5) | 01°23.71'N | 103°59.43'E | (Changi Buoy) |
| | (6) | 01°23.54'N | 104°00.14'E | (Paku Buoy) |
| | (7) | 01°21.10'N | 104°03.01'E | (Angler Buoy) |
| | (8) | 01°21.29'N | 104°03.59'E | |
| | (9) | 01°23.04'N | 104°01.42'E | (Malang Tiga) |
| | (10) | 01°23.35'N | 104°01.06'E | |
| | (11) | 01°25.17'N | 104°00.43'E | (West Tekong Buoy) |
| | (12) | 01°25.01'N | 103°59.50'E | |
| | (13) | 01°24.50'N | 103°59.50'E | (Chek Jawa Rear Beacon) |
| | (14) | 01°23.90'N | 103°57.87'E | |
| | (15) | 01°23.90'N | 103°57.27'E | |
| | (16) | 01°24.60'N | 103°56.35'E | |
| | (17) | 01°25.34'N | 103°55.57'E | (Tajam Beacon) |

thence to the point of origin. (Please see chartlet 2)

Source: Port Marine Circular No. 41 of 2020 dated 27 October 2020

III AMENDMENTS TO PUBLICATIONS

6. Page 58
Replace Chartlet on page 58 with the Chartlet 1 attached.

7. Page 59
Replace Chartlet on page 59 with the Chartlet 2 attached.

CONTROLLING DEPTHS OF NAVIGATIONAL CHANNELS AND FAIRWAYS

8. Page 109
Amend the following:

| LOCATIONS | DEPTHS (m) | REMARKS |
|---------------------|-------------------|--|
| Jong Fairway | 16·6 | Note: High spot of 15·2m exists bearing 309 degree [#] (T) x 440m from First Bukom Beacon |
| West Keppel Fairway | 16·9 [#] | - |

CHARACTERISTICS OF AIDS TO NAVIGATION

9. Page 148
SERANGOON HARBOUR
Insert the following:

| Name of Beacon/ Buoy | Position Lat. N Long. E Deg Min | Structure, Colour & Shape | Light Characteristic | Owner |
|-------------------------|--|--|-------------------------|-------|
| South Ubin Buoy | 01°24·036' 103°58·217' | Double black cones topmark pointing downward on yellow black pillar | Q(6)+LFl.15s | MPA |

WHARVES AND BERTHS

10. Page 161
JURONG ISLAND - SAKRA BASIN (PETROCHEMICAL CORPORATION OF SINGAPORE)
(1°15·9'N, 103°43·0'E)

Amend the following:

| Berth | Length of Berth Box | Max LOA | Depth Alongside (Year Surveyed) | Controlling Depth in Approaches |
|-------|------------------------|---------|------------------------------------|------------------------------------|
| OPCS1 | 41m | 41m | 1·5m (2020) [#] | 2·5m |
| OPCS3 | 130m | 130m | 10·0m (2020) [#] | 10·0m |
| OPCS4 | 140m | 140m | 11·7m (2020) [#] | 12·0m |
| OPCS5 | 140m | 140m | 11·8m (2020) [#] | 11·9m |
| OPCS6 | 285m | 259m | 14·2m (2020) [#] | 14·2m |
| OPCBA | 117m | 100m | 3·0m (2020) [#] | 3·0m |

III AMENDMENTS TO PUBLICATIONS

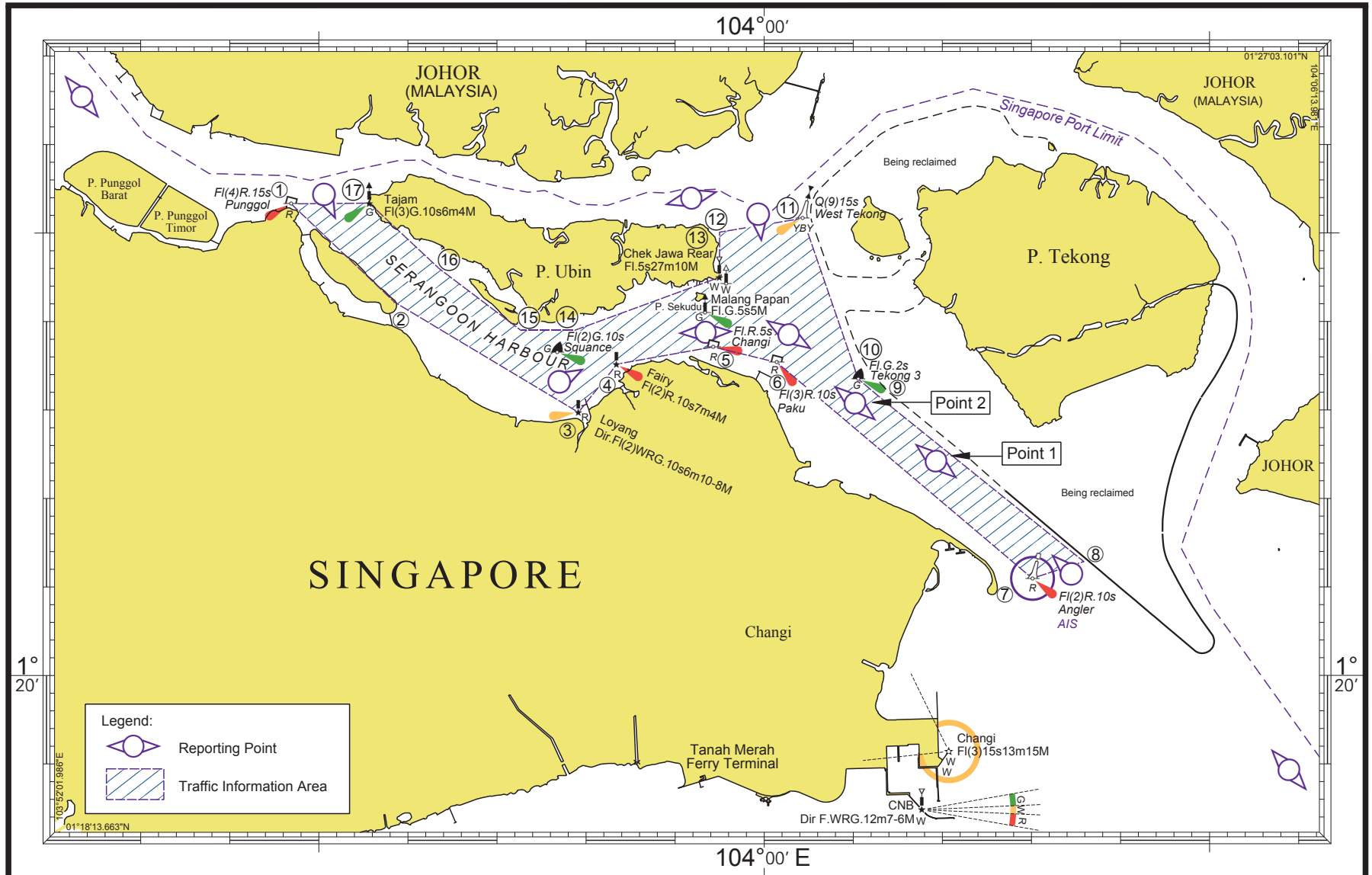
11. Page 164

JURONG TERMINAL (PULAU DAMAR LAUT) (JURONG PORT PTE LTD) (1°18.1'N, 103°42.9'E)

Amend the following:

| Berth | Length of Berth Box | Max LOA | Depth Alongside (Year Surveyed) | Controlling Depth in Approaches |
|-------|---------------------|---------|---------------------------------|---------------------------------|
| J17 | 192m | - | 15.5m (2020) [#] | 16.0m |





IV

REPRINT OF MARITIME SAFETY INFORMATION

The following Maritime Safety Information 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 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.

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.

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.

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.

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.

TT440

A NUMBER OF UNKNOWN VESSELS ARE OBSERVED ANCHORED IN THE TSS/PRECAUTIONARY AREA SOUTH OF TG. RAMUNIA AT APPROXIMATE POSITION LAT 01°17'91"N LONG 104°14'92"E. ALL VESSELS ARE ADVISED TO KEEP A GOOD LOOK OUT AND PROCEED WITH CAUTION WHEN PASSING THIS AREA IN THE SINGAPORE STRAIT.

TT641 (AMENDED ON 181430UTC MAY 2020).

CONTAINER VESSEL SHAHRAZ/EPBR2 WAS REPORTED GROUNDING AT BATU BERHANTI, APPROXIMATE POSITION LAT 01-11. 283N LONG 103-52.867E ON 101905UTC MAY 2020. ALL VESSELS ARE ADVISED TO KEEP WELL CLEAR WHEN PASSING THE VICINITY.

TT642

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

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.

TT672

CONDUCTING OF SURVEY WORKS BOUNDED BY THE FOLLOWING COORDINATES FROM 5 SEPTEMBER 2020 TO 30 NOVEMBER 2020.

| | | |
|---|------------|-------------|
| A | 01°19·63'N | 104°24·13'E |
| B | 01°20·14'N | 104°24·13'E |
| C | 01°20·28'N | 104°24·29'E |
| D | 01°20·28'N | 104°24·51'E |
| E | 01°20·06'N | 104°24·78'E |
| F | 01°19·63'N | 104°24·73'E |

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

TT690

THERE IS A REPORT OF UNAUTHORISED BOARDING ON 25 OCTOBER 2020 AT 2309 HOURS IN POSITION LAT 01°15·03'N LONG 104°06·15'E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT691

THERE IS A REPORT OF UNAUTHORISED BOARDING ON 26 OCTOBER 2020 AT 0046 HOURS IN POSITION LAT 01°14·55'N LONG 104°04·43'E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT692

THERE IS A REPORT OF UNAUTHORISED BOARDING ON 26 OCTOBER 2020 AT 0130 HOURS IN POSITION LAT 01°14·60'N LONG 104°07·58'E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT693

CABLE VESSEL "ASEAN PROTECTOR" IS CARRYING OUT SUBMARINE CABLE WORKS IN THE TSS PRECAUTIONARY AREA ABOUT 4 MILES WEST OF PULAU NIPAH IN VTIS WEST SECTOR 7 FROM 27 OCTOBER 2020 TO 7 NOVEMBER 2020. TRANSITING VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

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.

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 30th Nov 2020)

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>

4766(T)/20 MALAYSIA - Peninsula Malaysia, West Coast – Buoy

Source: Malaysian Notice 7/106(T)/20

1. The special mark light-buoy, *Fl. Y. 5s*, in position 1°14'28"N, 103°29'63"E is reported off station. (WGS84 DATUM)

Charts affected - 4038

5102 SINGAPORE - Wrecks.

Source: Maritime and Port Authority of Singapore

Chart 4042 [*previous update 3054/20*] WGS84 DATUM

| | | | |
|---------|--|-----------|-------------|
| Replace |  <i>Wk</i> with  <i>Wk</i> | 1°17'33"N | 104°09'37"E |
|---------|--|-----------|-------------|

Chart 4043 [*previous update 2549/20*] WGS84 DATUM

| | | | |
|---------|--|-----------|-------------|
| Replace |  <i>Wk</i> with  <i>Wk</i> | 1°17'33"N | 104°09'37"E |
|---------|--|-----------|-------------|

5106 SINGAPORE - Buoyage

Source: Maritime and Port Authority of Singapore

Chart 4040 [*previous update 4516/20*] WGS84 DATUM

| | | | |
|--------|--|-----------|-------------|
| Delete |  <i>Fl. Y. 8s DHI-CYR-1</i> | 1°15'54"N | 103°44'78"E |
| |  <i>Fl. Y. 2s DHI-CYR-2</i> | 1°15'26"N | 103°45'31"E |

5110(P)/20 SINGAPORE - Buoy

Source: Maritime and Port Authority of Singapore

1. The *Fl. Y. 4s TSS3* light-buoy in position 1°14'095"N, 103°40'097"E has been removed.
2. These changes will be included in New Editions of Charts 4030 and 4031 to be published late 2020. (WGS84 DATUM)

Charts affected - 4030 - 4031

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>

5116(P)/20 SINGAPORE - Dredged Depths

Source: Maritime and Port Authority of Singapore

- The following dredged depths have been amended to:

| <i>Dredged Depths (2020)</i> | <i>Position</i> |
|------------------------------|----------------------------|
| 16.6m | 1° 14·363'N, 103° 44·775'E |
| 16.8m | 1° 14·394'N, 103° 44·997'E |
| 13.6m | 1° 14·318'N, 103° 44·943'E |
| 12.2m | 1° 14·330'N, 103° 45·040'E |
| 14.7m | 1° 14·338'N, 103° 44·589'E |
| 7.3m | 1° 14·258'N, 103° 44·958'E |
| 11.0m | 1° 14·237'N, 103° 44·036'E |
| 15.3m | 1° 14·320'N, 103° 44·443'E |
| 17.1m | 1° 14·298'N, 103° 44·291'E |
| 17.5m | 1° 14·282'N, 103° 44·164'E |
| 16.2m | 1° 14·225'N, 103° 44·189'E |

- These changes will be included in a New Edition of Chart 4032 to be published late 2020.
(WGS84 DATUM)

Chart affected - 4032

5120(P)/20 SINGAPORE - Submarine Cable

Source: Maritime and Port Authority of Singapore

- A buried cable tunnel exists between the following positions:

1° 17·955'N, 103° 45·516'E
 1° 17·987'N, 103° 45·455'E
 1° 17·996'N, 103° 45·428'E
 1° 17·999'N, 103° 45·394'E
 1° 17·995'N, 103° 45·351'E
 1° 17·987'N, 103° 45·316'E

- These changes will be included in a New Edition of chart 4034 to be published late 2020.
(WGS84 DATUM)

Chart affected - 4034

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 :

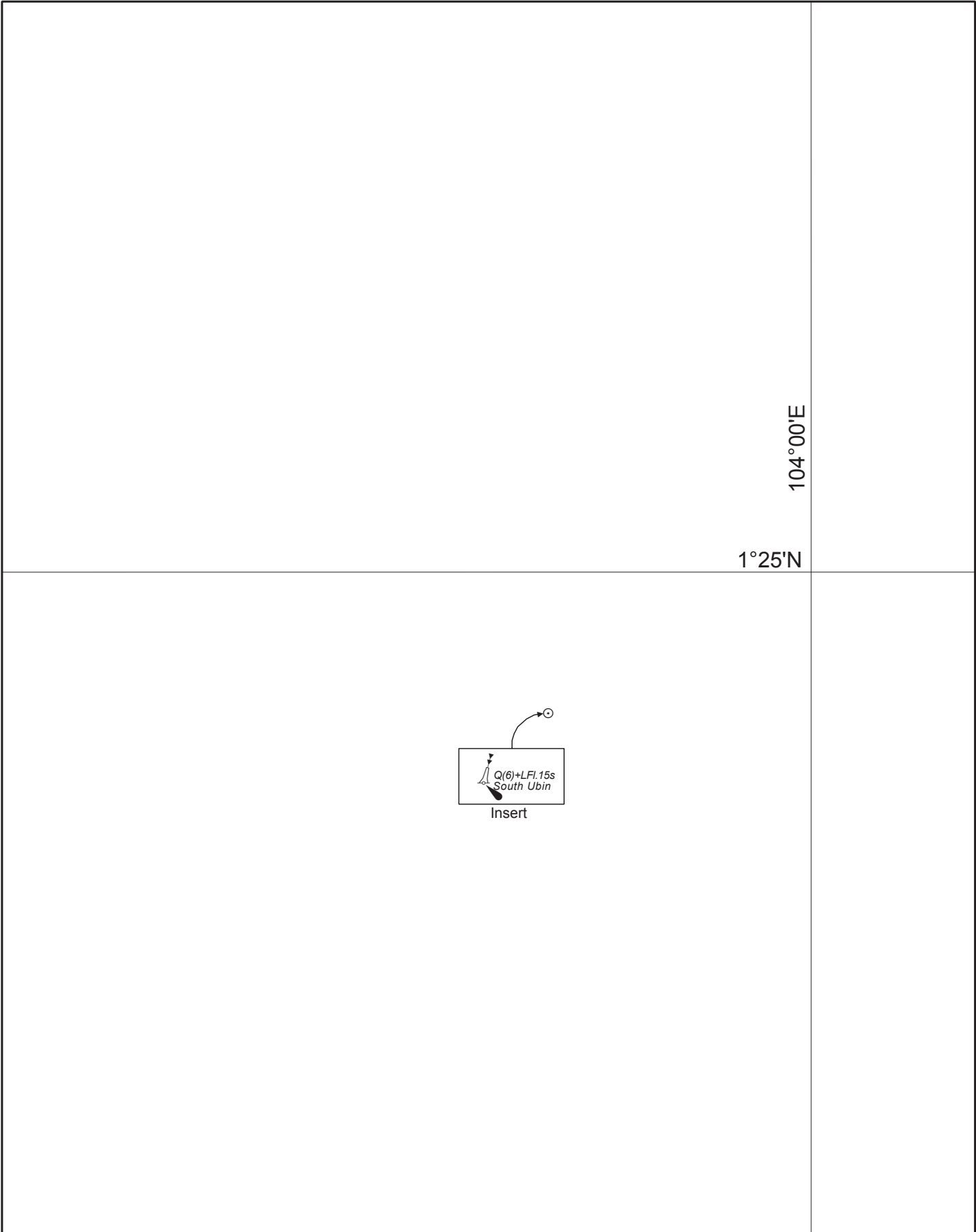
Equipment Used :

Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

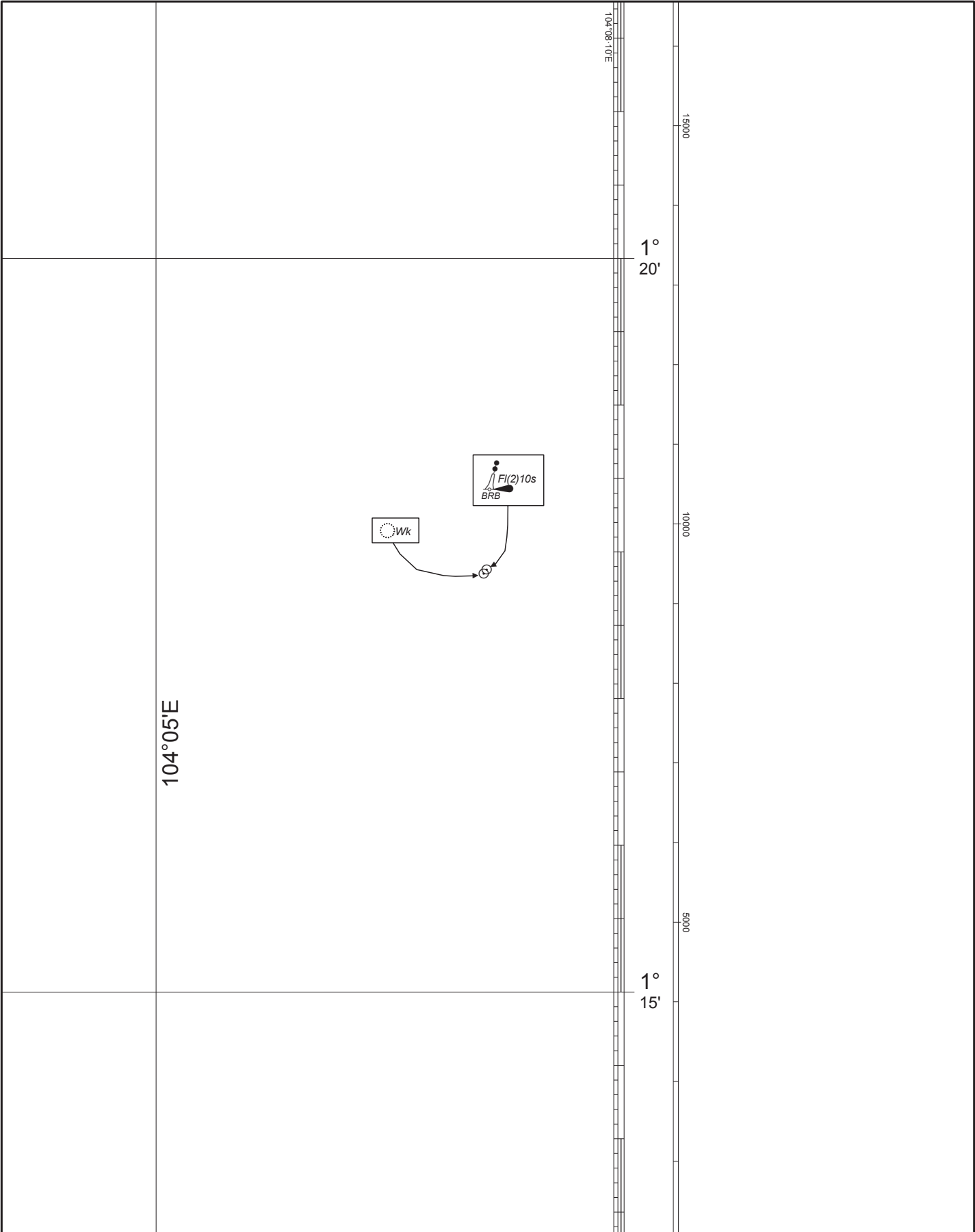
Name and Signature :

Ship's/Company's Stamp :



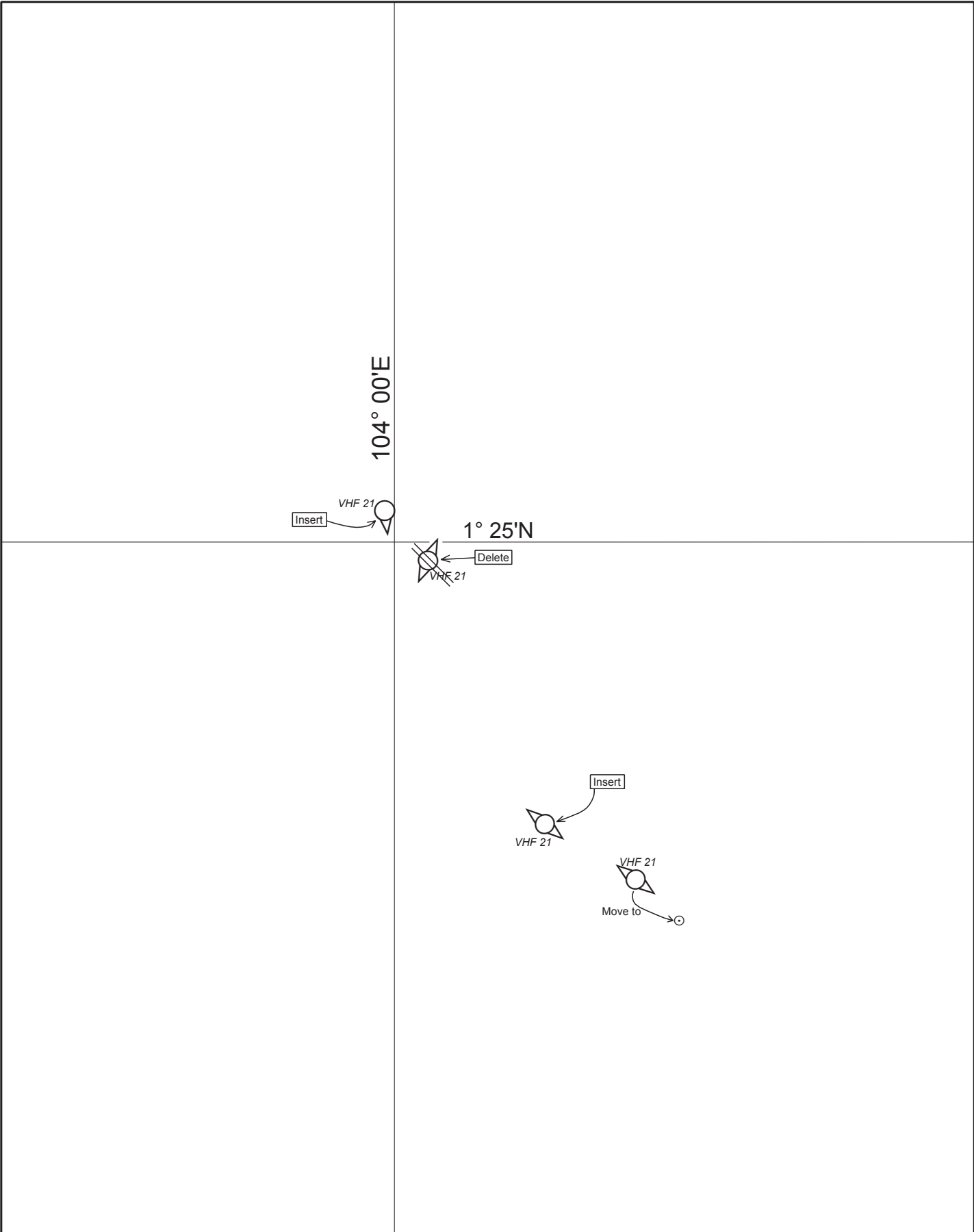
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|---|--|
| | | | | | X | |
| 72 | 11/2020 | 65/2020 | GSP1/SP1 | | | |

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



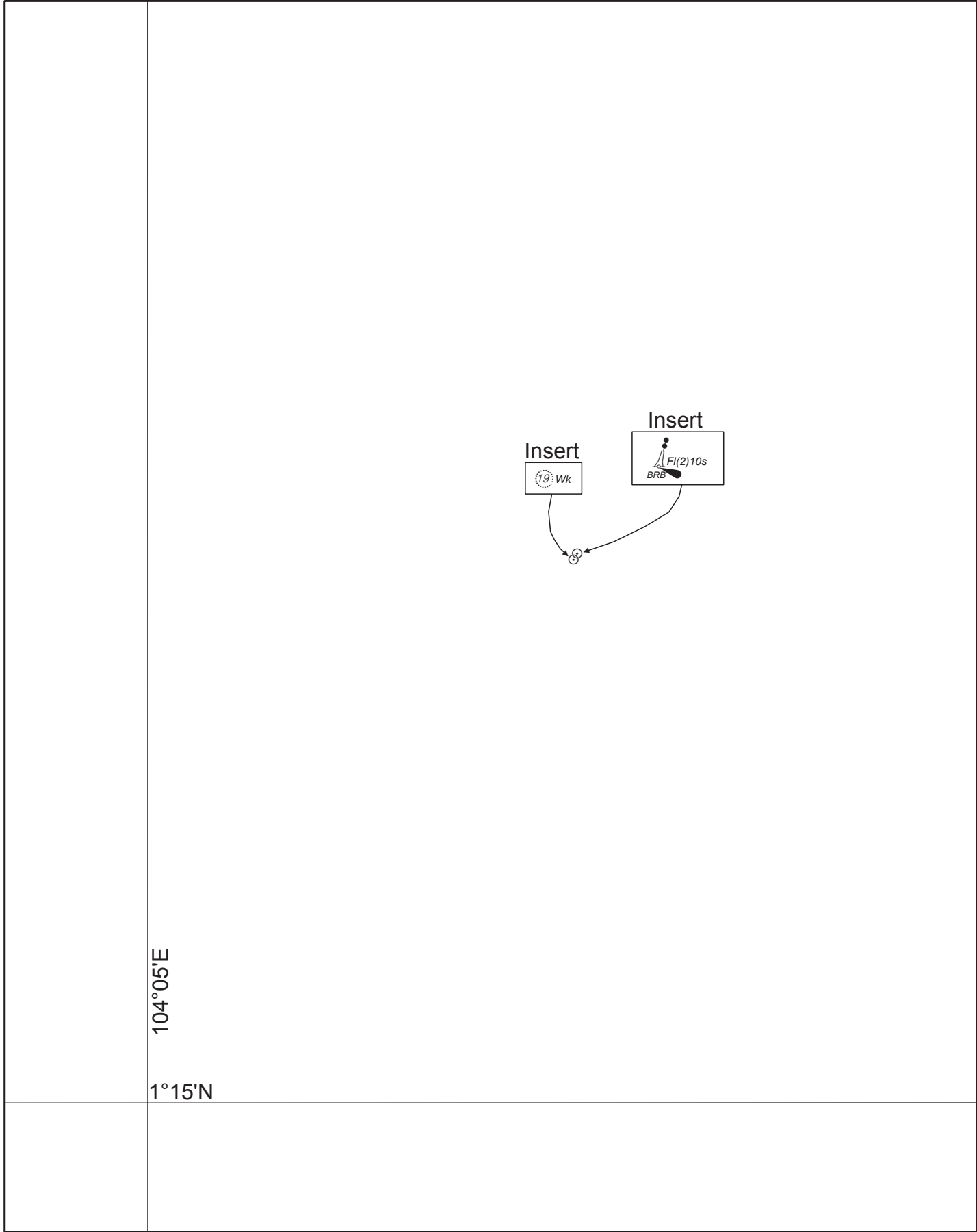
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|---|
| | | | | | | |
| 73, 74 | 11/2020 | 72/2020 | GSP1/SP1 | | | X |

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



| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|---|
| | | | | | | X |
| 75 | 11/2020 | 74/2020 | GSP1/SP1 | | | |

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



| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|---|--|
| | | | | | X | |
| 73, 74 | 11/2020 | 67/2020 | 502 | | | |

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