



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 of Singapore's Website: www.mpa.gov.sg

MPA Telegram Channel: MPA has launched a Telegram channel for notices and circulars. To stay updated, please subscribe via the following link <https://go.gov.sg/mpa-telegram> or scan the QR code:



<https://go.gov.sg/mpa-telegram>

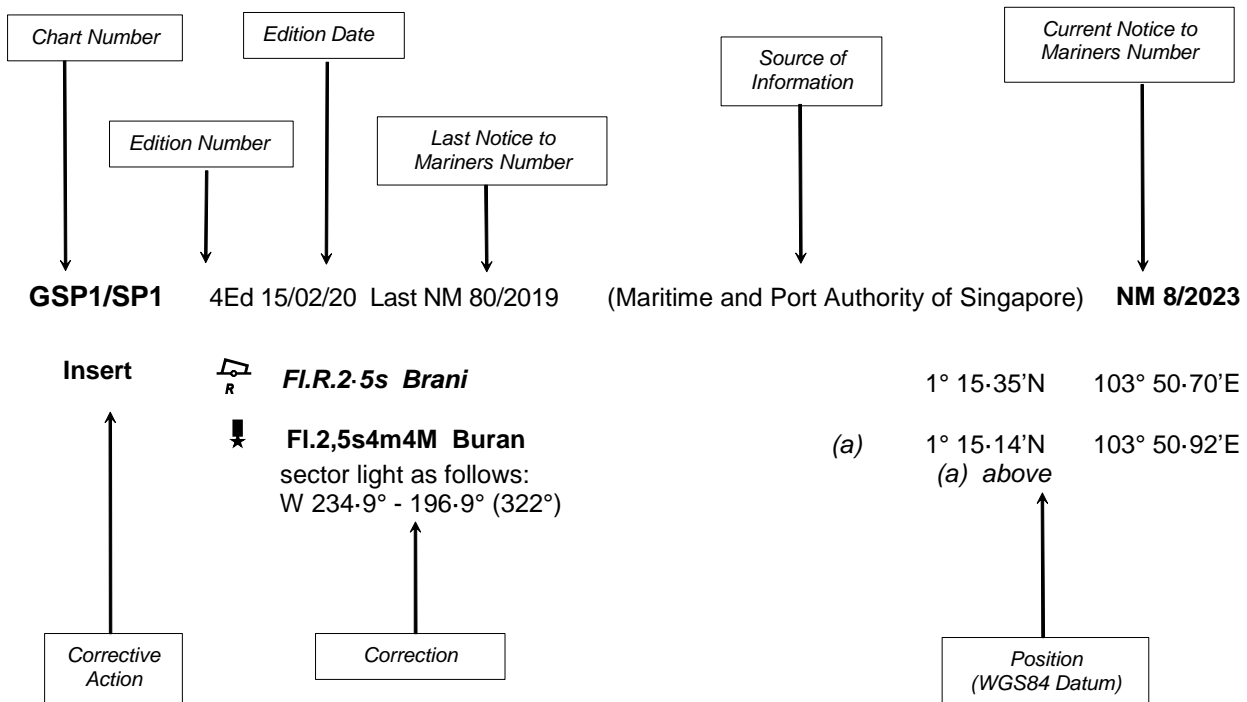
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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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/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 - 6 |
| *54 & *55 | Singaporean Chart GSP1/SP1 | 7 |
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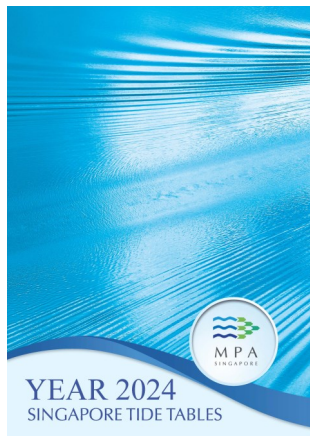
*Source: Maritime and Port Authority of Singapore

II NEW CHARTS AND PUBLICATIONS

SINGAPORE TIDE TABLES YEAR 2024 PUBLISHED ON 4TH SEPTEMBER 2023

Summary of Publication

This publication contains Tidal Height and Tidal Stream Predictions covering stations in Singapore Port Waters and along the Straits of Malacca and Singapore.

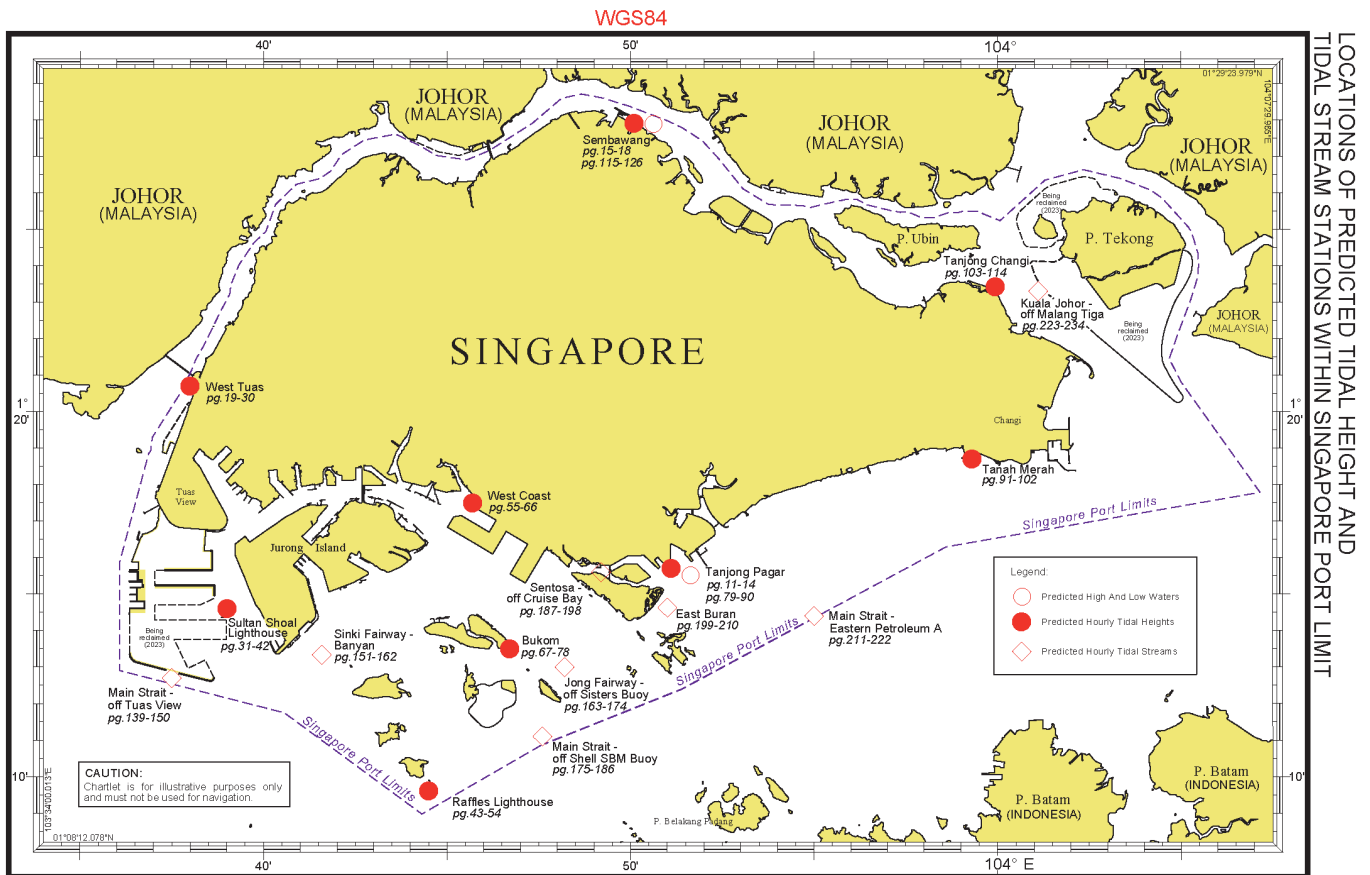


1. **High and Low Water Predictions** at the following stations:
 - a) Tanjong Pagar
 - b) Sembawang
2. **Hourly Tidal Height Predictions** at the following stations:
 - a) West Tuas
 - b) Sultan Shoal Lighthouse
 - c) Raffles Lighthouse
 - d) West Coast
 - e) Bukom
 - f) Tanjong Pagar
 - g) Tanah Merah
 - h) Tanjong Changi
 - i) Sembawang
 - j) Singapore Strait - Horsburgh Lighthouse
3. **Hourly Tidal Stream Predictions** at the following stations:
 - a) Main Strait - off Tuas View
 - b) Sinki Fairway - Banyan
 - c) Jong Fairway - off Sisters Buoy
 - d) Main Strait - off Shell SBM Buoy
 - e) Sentosa - off Cruise Bay
 - f) East Buran
 - g) Main Strait - Eastern Petroleum A
 - h) Kuala Johor - off Malang Tiga
4. **Maximum and Slack Tidal Stream Predictions** at the following stations:
 - a) Malacca Strait - off Pulau Iyu Kecil Light
 - b) Singapore Strait - Selat Phillip
 - c) Singapore Strait - Karang Banteng (Buffalo Rock)
 - d) Singapore Strait - Horsburgh Lighthouse
5. **Malacca Strait - High and Low Water Predictions** at the following stations:
 - a) Kedah Pier, Pulau Pinang
 - b) Port Dickson
 - c) Kuala Batu Pahat

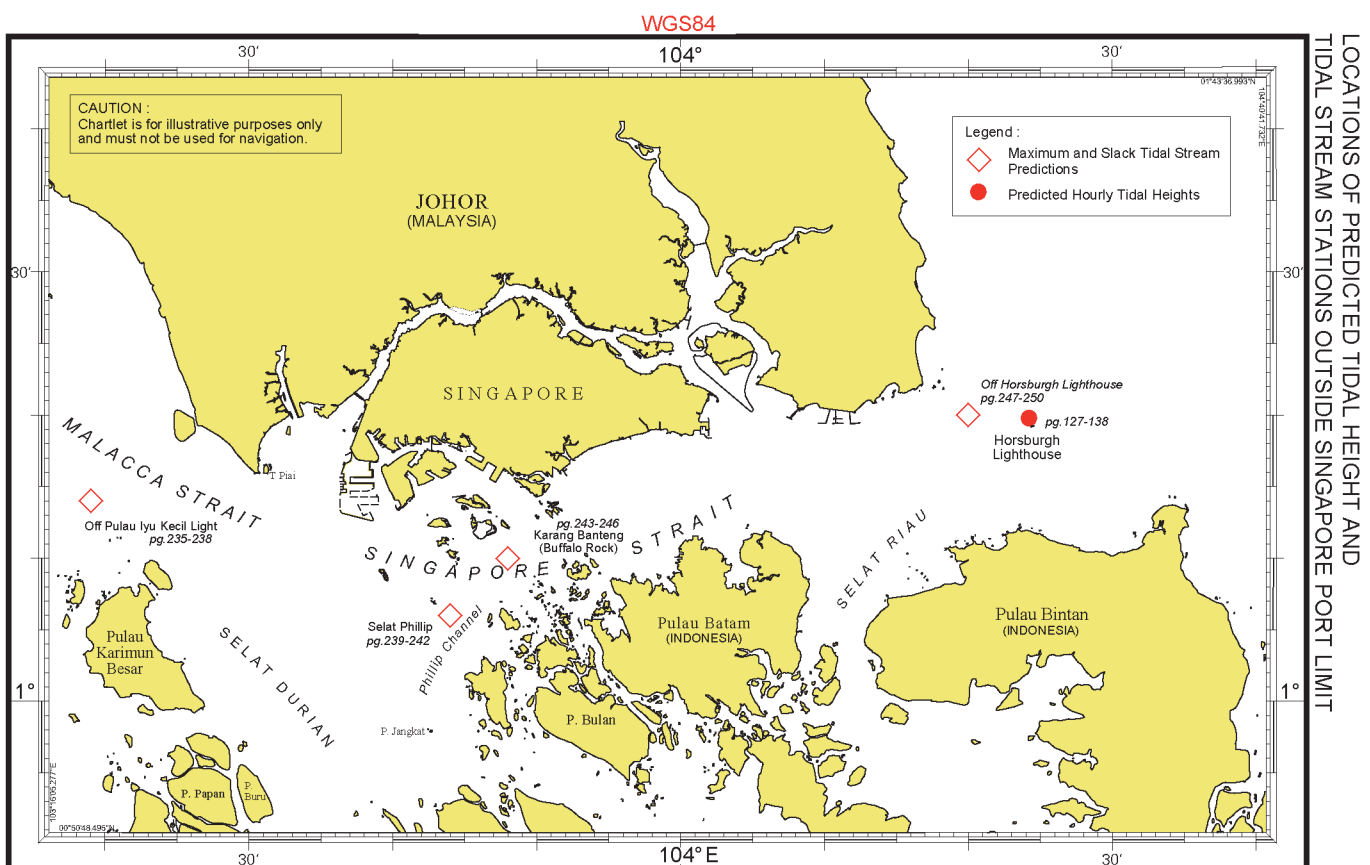
The locations of the above stations are shown in the chartlets below:

II NEW CHARTS AND PUBLICATIONS

Tidal Prediction Stations within Singapore Port Waters



Tidal Prediction Stations within Straits of Malacca and Singapore

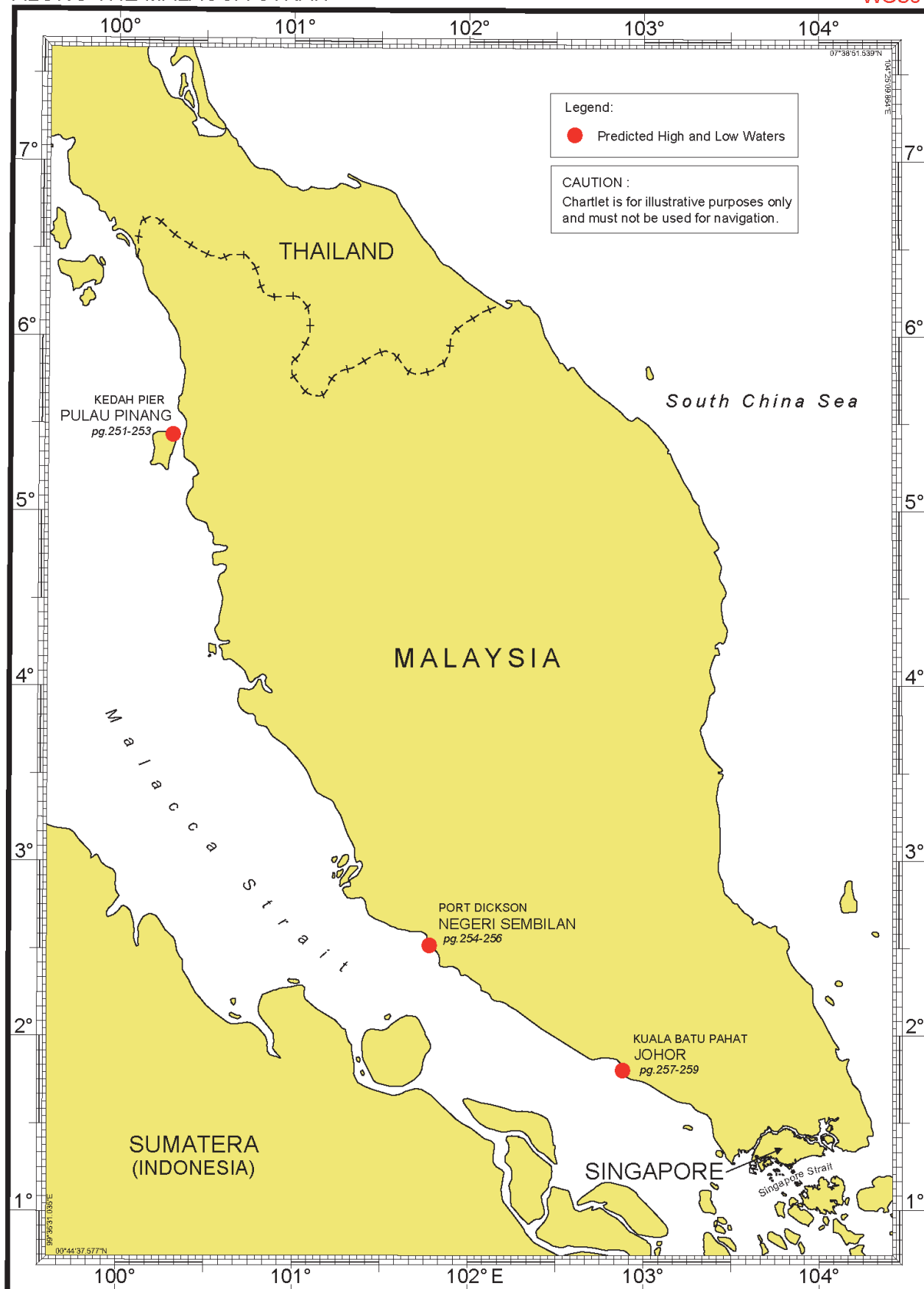


II NEW CHARTS AND PUBLICATIONS

Tidal Prediction Stations In Malacca Strait

LOCATIONS OF PREDICTED TIDAL HEIGHT STATIONS
ALONG THE MALACCA STRAIT

WGS84



II NEW CHARTS AND PUBLICATIONS

NEW EDITION DUAL-BADGED CHARTS TO BE PUBLISHED ON 23RD NOVEMBER 2023

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 to be Published : 23rd November 2023

Size of Chart : 749.4 x 1105.7 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 22nd October 2020 will be 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 to be Published : 23rd November 2023

Size of Chart : 1100.2 x 750.1 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 22nd October 2020 will be superseded.

Chart Number : 4037

Title : Port of Singapore
Keppel Harbour, Tanjong Pagar Terminal

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

Scale : 1 : 10 000

Date to be Published : 23rd November 2023

Size of Chart : 1101.8 x 750.1 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 22nd October 2020 will be superseded.

II NEW CHARTS AND PUBLICATIONS

NEW EDITION SINGAPORE ENC TO BE RELEASED ON 23RD NOVEMBER 2023

ENC Name : SG5C4035

Location : Western Anchorages, Jong Fairway and Cruise Bay

Coverage : Lat 01° 10-90'N 01° 16-90'N
Long 103° 45-58'E 103° 49-42'E

Compilation Scale : 1 : 8 000

Date to be Released : 23rd November 2023

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

The existing cell of the same number published on 22nd October 2020 will be superseded.

ENC Name : SG5C4036

Location : Raffles Lighthouse to The Sisters

Coverage : Lat 01° 09-40'N 01° 12-52'N
Long 103° 44-20'E 103° 50-13'E

Compilation Scale : 1 : 8 000

Date to be Released : 23rd November 2023

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

The existing cell of the same number published on 22nd October 2020 will be superseded.

ENC Name : SG5C4037

Location : Keppel Harbour, Tanjong Pagar Terminal And Approaches

Coverage : Lat 01° 12-52'N 01° 16-59'N
Long 103° 49-42'E 103° 55-34'E

Compilation Scale : 1 : 8 000

Date to be Released : 23rd November 2023

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

The existing cell of the same number published on 22nd October 2020 will be superseded.

II

NOTICES TO MARINERS AND CHART CORRECTIONS

GSP1/SP1 7 Ed 01/02/23 Last NM 44/2023 (Maritime and Port Authority of Singapore) ***NM 54/2023**

Move  *Fl.Y.2s, HD TWC 10* from: 1°19·80'N 104°37·41'E

to: 1°19·62'N 104°37·28'E

***NM 55/2023**

Delete  *Fl.Y.2s, HD TWC 1* 1°20·28'N 104°37·85'E

 *Fl.Y.2s, HD TWC 2* 1°19·73'N 104°37·51'E

201 6 Ed 15/09/17 Last NM 49/2023 (Royal Malaysian Navy Notice No. 08/142/2023) **NM 56/2023**

Insert submarine pipeline,  joining: 2°09·39'N 102°19·64'E

2°08·31'N 102°19·69'E

2°07·02'N 102°19·75'E

202 8 Ed 15/09/16 Last NM 50/2023 (Pushidrosal Indonesian Notice No. 24/283/2023) **NM 57/2023**

Insert  *Obstn Rep(2023) PA* 2°09·39'N 102°19·64'E

*Source: Maritime and Port Authority of Singapore

II
TEMPORARY AND PRELIMINARY NOTICES

NIL

II
TEMPORARY AND PRELIMINARY NOTICES

Cancelled Temporary and Preliminary Notices

| <i>No. of Notices</i> | <i>Subject</i> | <i>Charts Affected</i> |
|---------------------------|--|--|
| 53T/2023 | Sunken pleasure craft 'Latitude' exists off Serangoon Harbour | Singapore GSP1/ SP1, 202, Dual Badged BA4044, BA4044 (Inset B) Singaporean ENC SG5C4044B |

III NAVIGATIONAL INFORMATION

*(NM 58/2023) 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-notices>

PMC No. Subject

NIL

PMN No. Subject

| | |
|---------|---|
| 76/2023 | Works at Sisters' Island Marine Park |
| 77/2023 | Anchoring of vessels at Tuas View Extension off AVLCC |
| 80/2023 | Tidal Energy Trial off Pulau Satumu |

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 59/2023) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2022/2023”

DESIGNATED ANCHORAGES IN PORT

LEAST DEPTHS OF ANCHORAGES

A EASTERN SECTOR

1. Page 104

Amend the following:

| No. | Anchorage | Depth (m) | Latitude (N) Longitude (E) |
|-----|---------------------------|-----------|-------------------------------|
| 14 | Eastern (AEW) (10m shoal) | 7·2 | 1°15·308' 103°52·341' |
| | (East of 10m shoal) | 10·6 | 1°15·760' 103°53·315' |
| | (South of 15m shoal) | 13·0 | 1°15·629' 103°53·790' |
| 15 | Eastern Holding B (AEHB) | 18·1 | 1°14·745' 103°52·818' |
| 16 | Eastern Holding C (AEHC) | 6·9 | 1°14·973' 103°51·950' |

B WESTERN SECTOR

2. Page 105

Amend the following:

| | | | |
|----|----------------------------|------|----------------------------|
| 19 | Western Petroleum A (AWPA) | 21·5 | 1° 14·293' 103° 48·221' |
| 20 | Western Holding (AWH) | 21·9 | 1° 14·048' 103° 47·377' |
| 21 | Western Petroleum B (AWPB) | 19·2 | 1° 14·032' 103° 48·393' |

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 59/2023) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2022/2023”

CONTROLLING DEPTHS OF NAVIGATIONAL CHANNELS AND FAIRWAYS

3. Page 109

Amend the following:

| Locations | Depths (m) | Remarks |
|------------------|------------|---------|
| Eastern Corridor | 19.8 | |

CHARACTERISTICS OF AIDS TO NAVIGATION

TUAS VIEW EXTENSION

4. Page 135

Delete the following:

| Name Of Beacon / Buoy | Position Lat. N Long. E Deg Min | Structure, Colour & Shape | Light Characteristic | Owner |
|-----------------------|--|---------------------------------|----------------------|---------|
| HD TWC 1 Buoy | 01°20.277' 103°37.861' | Yellow pillar with 'X' top-mark | Fl.Y.2s (sync) | Hyundai |
| HD TWC 2 Buoy | 01°19.747' 103°37.542' | Yellow pillar with 'X' top-mark | Fl.Y.2s (sync) | Hyundai |

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

CHARACTERISTICS OF AIDS TO NAVIGATION

TUAS VIEW EXTENSION

5. Page 135

Amend the following:

| Name Of Beacon / Buoy | Position Lat. N Long. E Deg Min | Structure, Colour & Shape | Light Characteristic | Owner |
|--------------------------------------|--|--------------------------------------|---------------------------------|--------------|
| HD TWC 4 Buoy | 01°18·560' 103°36·968' | Yellow pillar with 'X' topmark | Fl.Y.2s (sync) | Hyundai |
| HD TWC 5 Buoy | 01°18·173' 103°36·843' | Yellow pillar with 'X' topmark | Fl.Y.2s (sync) | Hyundai |
| HD TWC 6 Buoy | 01°16·917' 103°36·437' | Yellow pillar with 'X' topmark | Fl.Y.2s (sync) | Hyundai |
| HD TWC 7 Buoy | 01°20·442' 103°37·899' | Yellow pillar with 'X' topmark | Fl.Y.2s (sync) | Hyundai |
| HD TWC 8 Buoy | 01°17·503' 103°36·648' | Yellow pillar with 'X' topmark | Fl.Y.2s (sync) | Hyundai |
| HD TWC 9 Buoy | 01°18·876' 103°36·922' | Yellow pillar with 'X' topmark | Fl.Y.2s (sync) | Hyundai |
| HD TWC 10 Buoy | 01°19·620' 103°37·283' | Yellow pillar with 'X' topmark | Fl.Y.2s (sync) | Hyundai |
| HD TWC 12 Buoy | 01°19·241' 103°37·045' | Yellow pillar with 'X' topmark | Fl(4)Y.10s (sync) | Hyundai |
| HD TWC 14 Buoy | 01°19·838' 103°37·343' | Yellow pillar with 'X' topmark | Fl(4)Y.10s (sync) | Hyundai |

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

WHARVES AND BERTHS

41 SHELL PANDAN TANKER JETTY (SHELL EASTERN PETROLEUM PTE LTD) (1°17'4"N, 103°44'7"E)

6. Page 175

Amend the following:

| Berth | Length of Berth Box | Depth Alongside (Year Surveyed) | Approach Depth |
|-------|---------------------|---------------------------------|----------------|
| OSPJ | 205m | 10·0m (2022) | 10·3m |

51 MARINA SOUTH – (MARINA BAY CRUISE CENTRE SINGAPORE) (1°15'9"N, 103°51'6"E)

7. Page 180

Amend the following:

| Berth | Length of Berth Box | Max LOA | Depth Alongside (Year Surveyed) | Approach Depth |
|-------|---------------------|---------|---------------------------------|----------------|
| CM01 | 373m | 335m | 11·2m (2023) | 11·5m |
| CM02 | 396m | 360m | 11·0m (2023) | 11·3m |

DOCKS AND REPAIR BERTHS

1 TUAS-SEMBCORP MARINE TUAS SHIPYARD (1°15'1"N, 103°36'6"E)

8. Page 182

Amend the following:

| Berth | Length of Berth Box | Depth Alongside (Year Surveyed) | Approach Depth |
|--------|---------------------|---------------------------------|----------------|
| YST 02 | 375m | 8·3m (2023) | 9·8m |
| YST 06 | 0-83m 83-343m | 8·9m (2023) 12·1m (2023) | 9·1m 14·4m |

*Source: Maritime and Port Authority of Singapore

IV

REPRINT OF MARITIME SAFETY INFORMATION

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.

TT933

UNKNOWN YELLOW FLOATING BUOY SIGHTED IN POSITION 01-04.13'N 103-39.00'E. ALL VESSELS NAVIGATING IN THE VICINITY ARE ADVISED TO NAVIGATE WITH CAUTION.

TT926 (AMENDED ON 03 FEB 2023 0932LT)

A WOODEN CRAFT HAS SUNK IN POSITION LAT 01-20.32N LONG 104-03.117E. ALL VESSELS ARE ADVISED TO KEEP WELL CLEAR OF THE NAVIGATIONAL HAZARD.

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

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

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 25th September 2023)

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>

3075* SINGAPORE - Dredged depths.

Source: Maritime and Port Authority of Singapore

Chart 4034 [previous update 2473/23] WGS84 DATUM

Amend dredged depth to, 10.0m (2022), centred on: 1° 17' 452N., 103° 44' 770E.

Chart 4037 [previous update 2473/23] WGS84 DATUM

Amend dredged depth to, 11.0m (2023), centred on: 1° 15' 974N., 103° 51' 681E.

dredged depth to, 11.2m (2023), centred on: 1° 15' 915N., 103° 51' 609E.

Chart 4038 (Panel C, Tuas Mega Yard) [previous update 594/23] WGS84 DATUM

Amend dredged depth to, 12.1m (2023), centred on: 1° 14' 767N., 103° 36' 445E.

dredged depth to, 8.9m (2023), centred on: 1° 14' 767N., 103° 36' 523E.

dredged depth to, 8.3m (2023), centred on: 1° 14' 640N., 103° 36' 454E.

3076* SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 4032 [previous update 2473/23] WGS84 DATUM

Delete  Q, North SMK 1° 12' 889N., 103° 46' 037E.

Chart 4035 [previous update 2473/23] WGS84 DATUM

Delete  Q, North SMK 1° 12' 889N., 103° 46' 037E.

Chart 4036 [previous update 2473/23] WGS84 DATUM

Delete  Q, North SMK 1° 12' 889N., 103° 46' 037E.

Chart 4039 [previous update 2473/23] WGS84 DATUM


Delete  Q, North SMK 1° 12' 89N., 103° 46' 04E.

Chart 4040 [previous update 2473/23] WGS84 DATUM

Delete  Q, North SMK 1° 12' 89N., 103° 46' 04E.

Updated to Admiralty Notices to Mariners no. 38 of 2023 dated 21st September 2023

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 :
Email :

Nature of Observation :

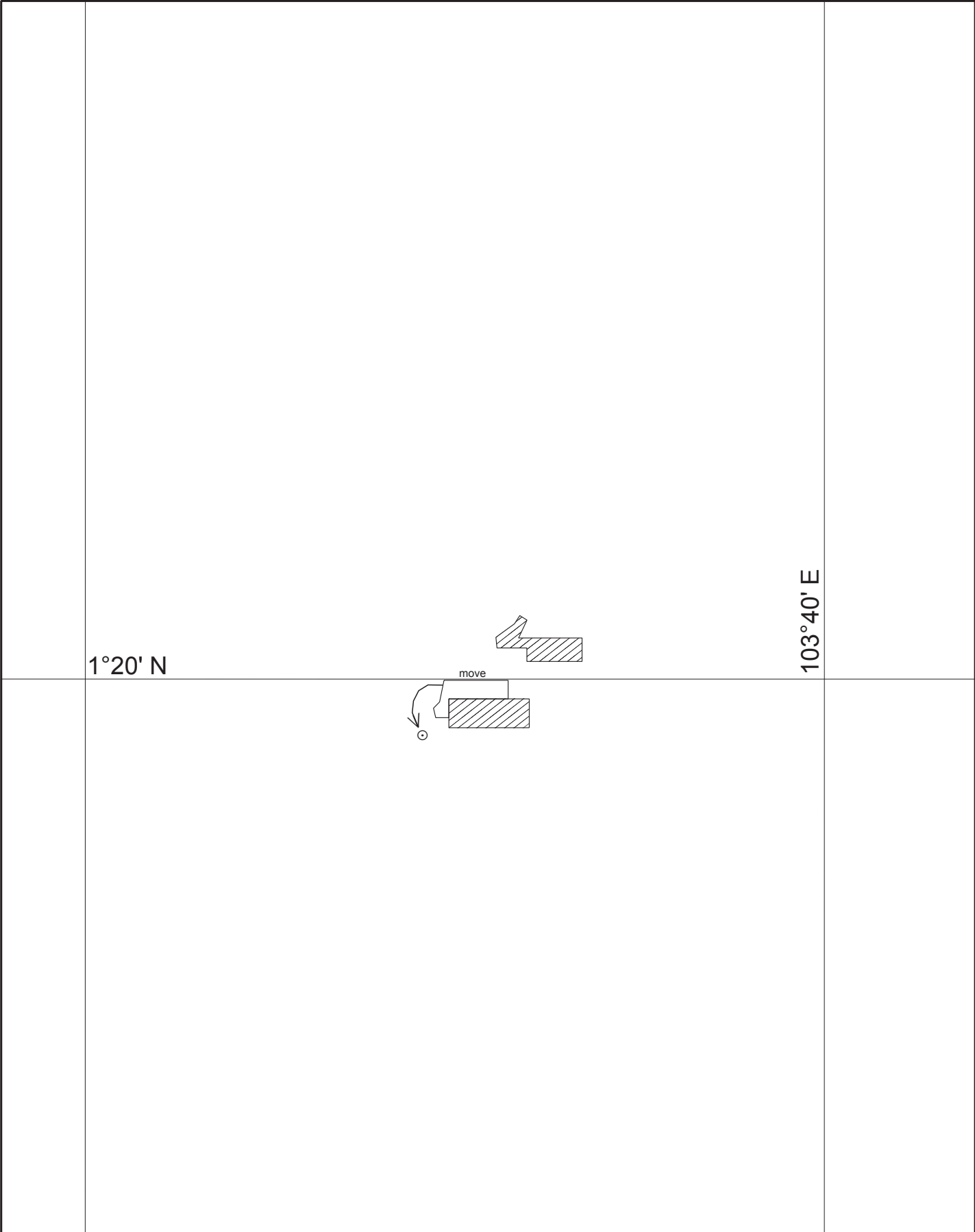
General Location :
Subject :
Position : Lat. Long.
Charts Used :
Date & Time of Observation :
Details :
.....
.....
Attachment :

Equipment Used :

Type of Position Fixing : GPS/DGPS Others :
Type of Echo Sounder :

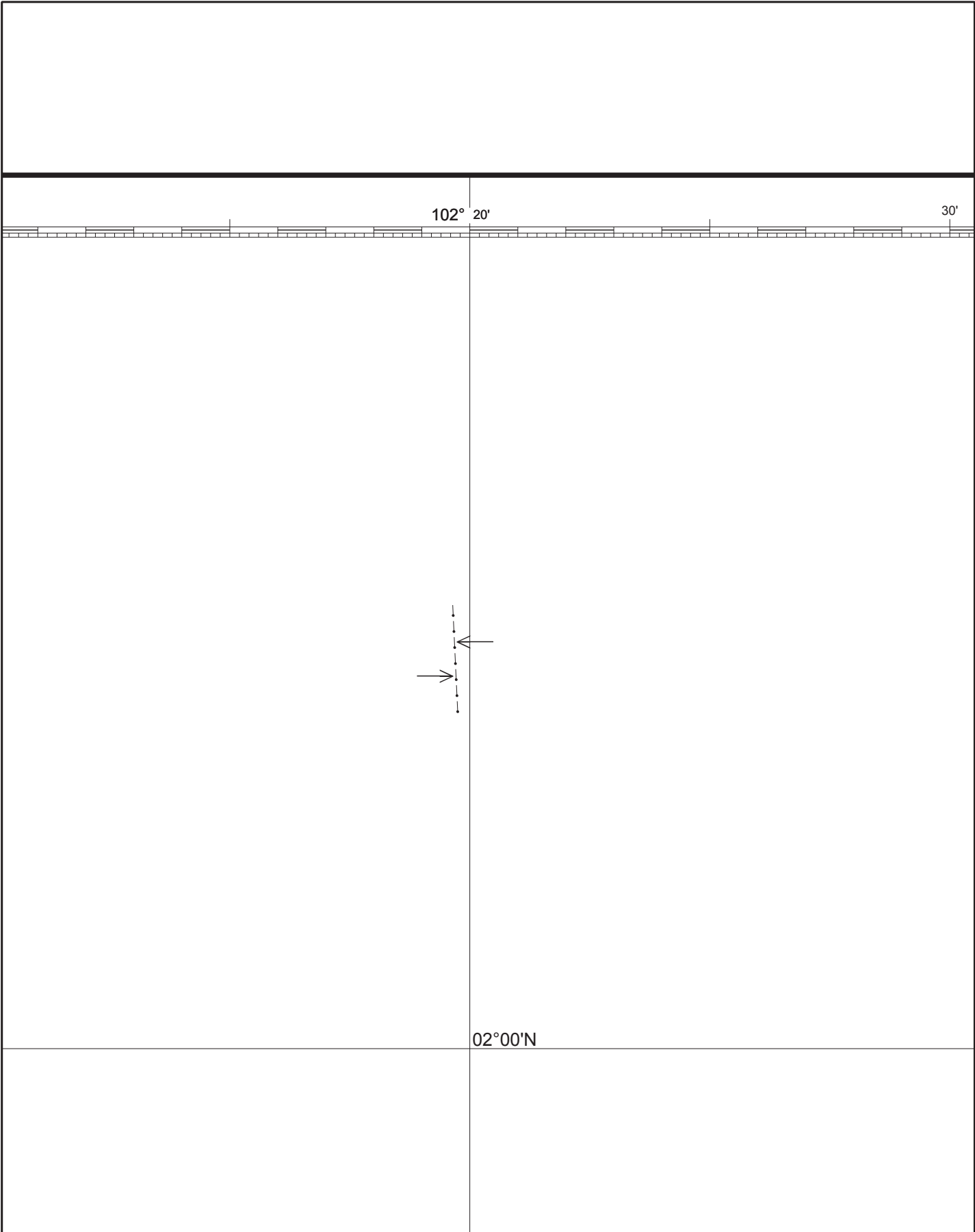
Name and Signature :

Ship's/Company's Stamp :



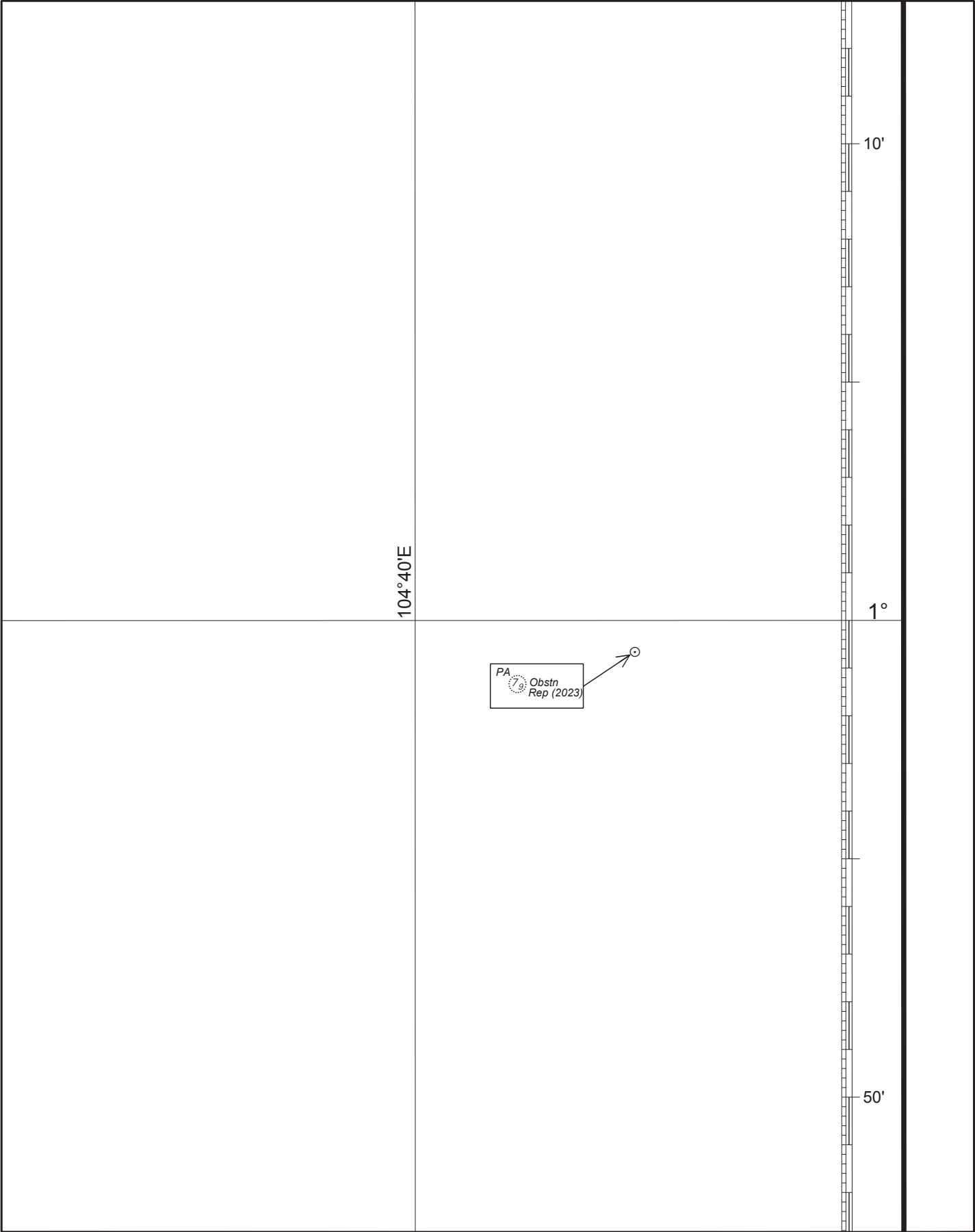
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|--|
| | | | | | | |
| 54 & 55 | 10 | 44 | GSP1/SP1 | X | | |

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 | |
| 56 | 10 | 49 | 201 | | | |

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 | | |
|----------------|-------------|-----------------|-----------|-------------------|--|---|
| | | | | | | |
| 57 | 10 | 50 | 202 | | | X |

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