



## 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](http://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>

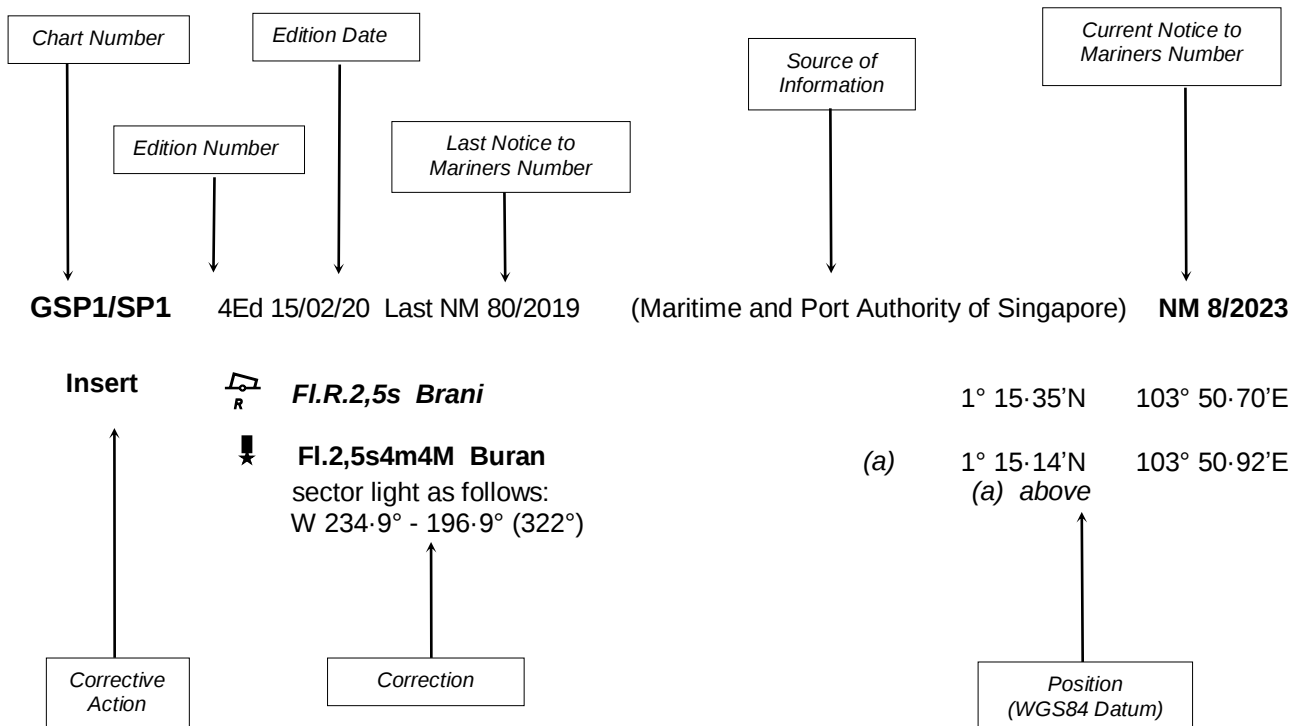
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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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**

| <b>NOTICE NO.</b> | <b>DESCRIPTION</b>                                              | <b>PAGE NO.</b> |
|-------------------|-----------------------------------------------------------------|-----------------|
| -                 | New Charts and Publications                                     | 2 - 4           |
| 48 & 49           | Singaporean Chart 200                                           | 5 - 6           |
| 48 & 49           | Singaporean Chart 201                                           | 7 - 9           |
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| -                 | Extract of Admiralty Notices to Mariners for Dual-Badged Charts | 17              |

\*Source: Maritime and Port Authority of Singapore

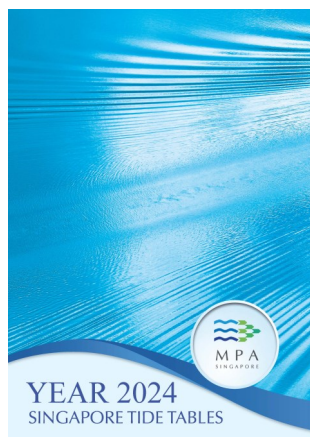
## II

### NEW CHARTS AND PUBLICATIONS

#### SINGAPORE TIDE TABLES YEAR 2024 TO BE PUBLISHED ON 4<sup>TH</sup> 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.



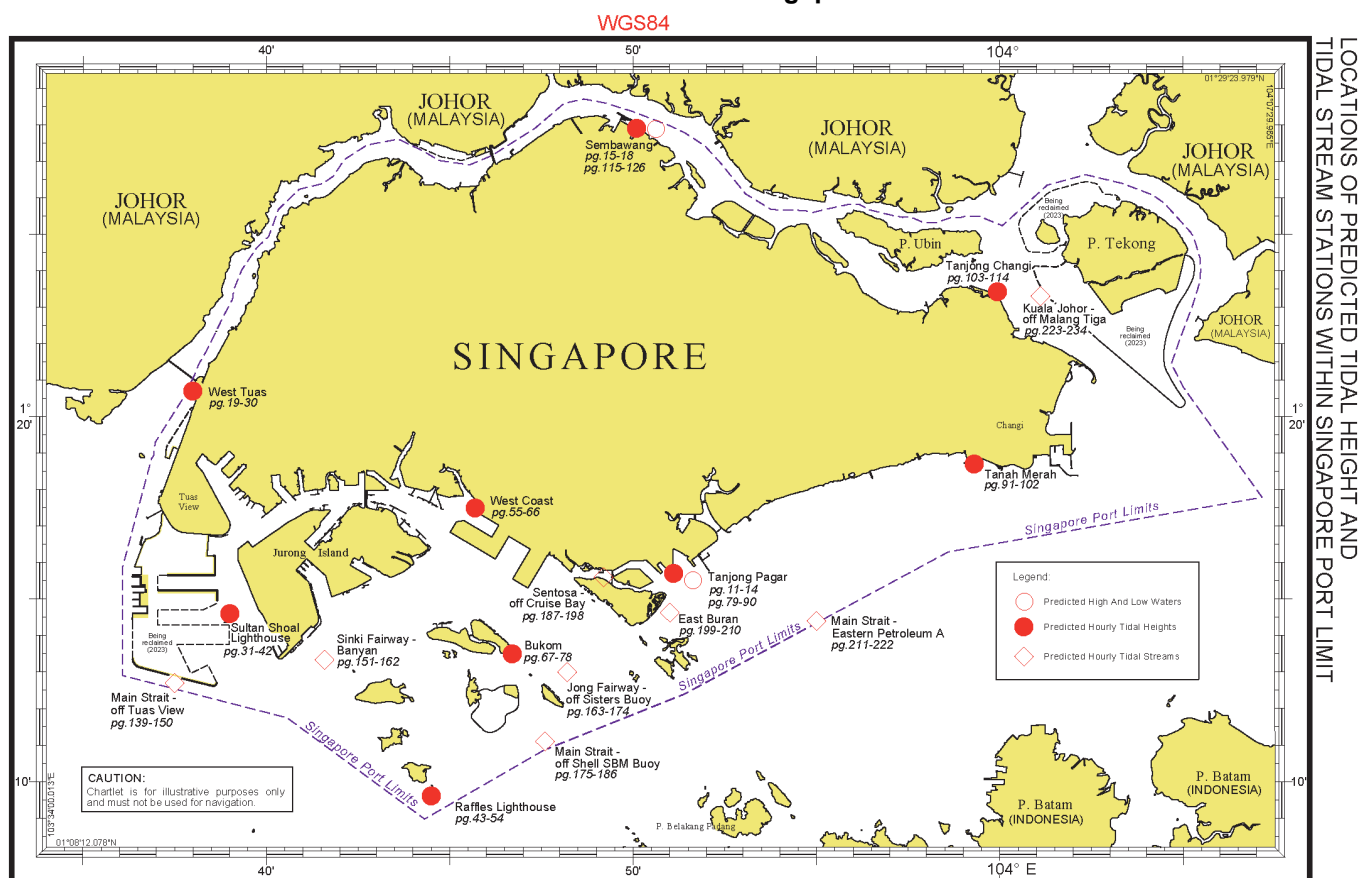
1. **High and Low Water Predictions** at the following stations:
  - a) Tanjong Pagar
  - b) Sembawang
2. **Hourly Tidal Height Predictions** at the following stations:
  - a) West Tuas
  - b) Sultan Shoal Lighthouse
  - c) Raffles Lighthouse
  - d) West Coast
  - e) Bukom
  - f) Tanjong Pagar
  - g) 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:

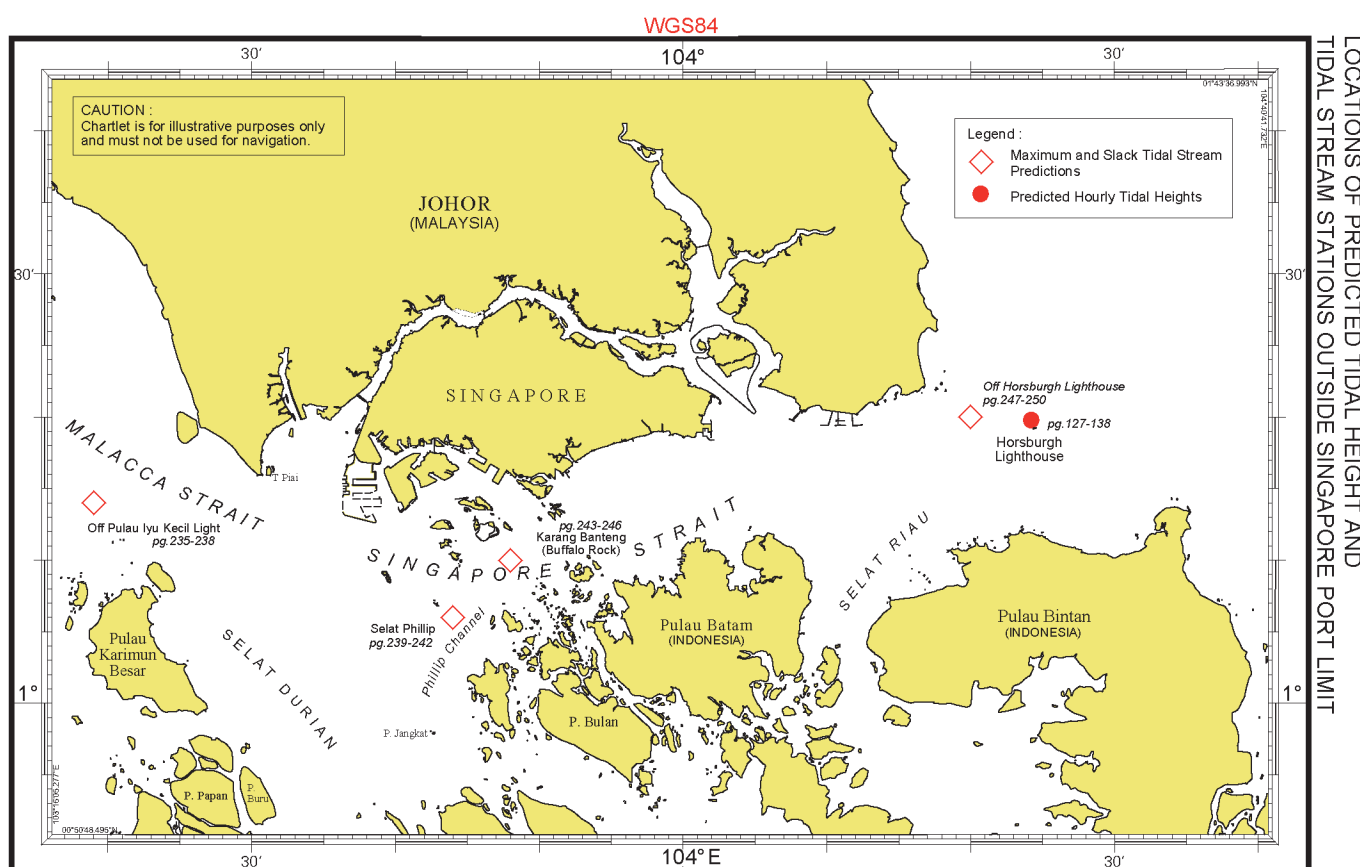
## II

## NEW CHARTS AND PUBLICATIONS

## Tidal Prediction Stations within Singapore Port Waters



## Tidal Prediction Stations within Straits of Malacca and Singapore

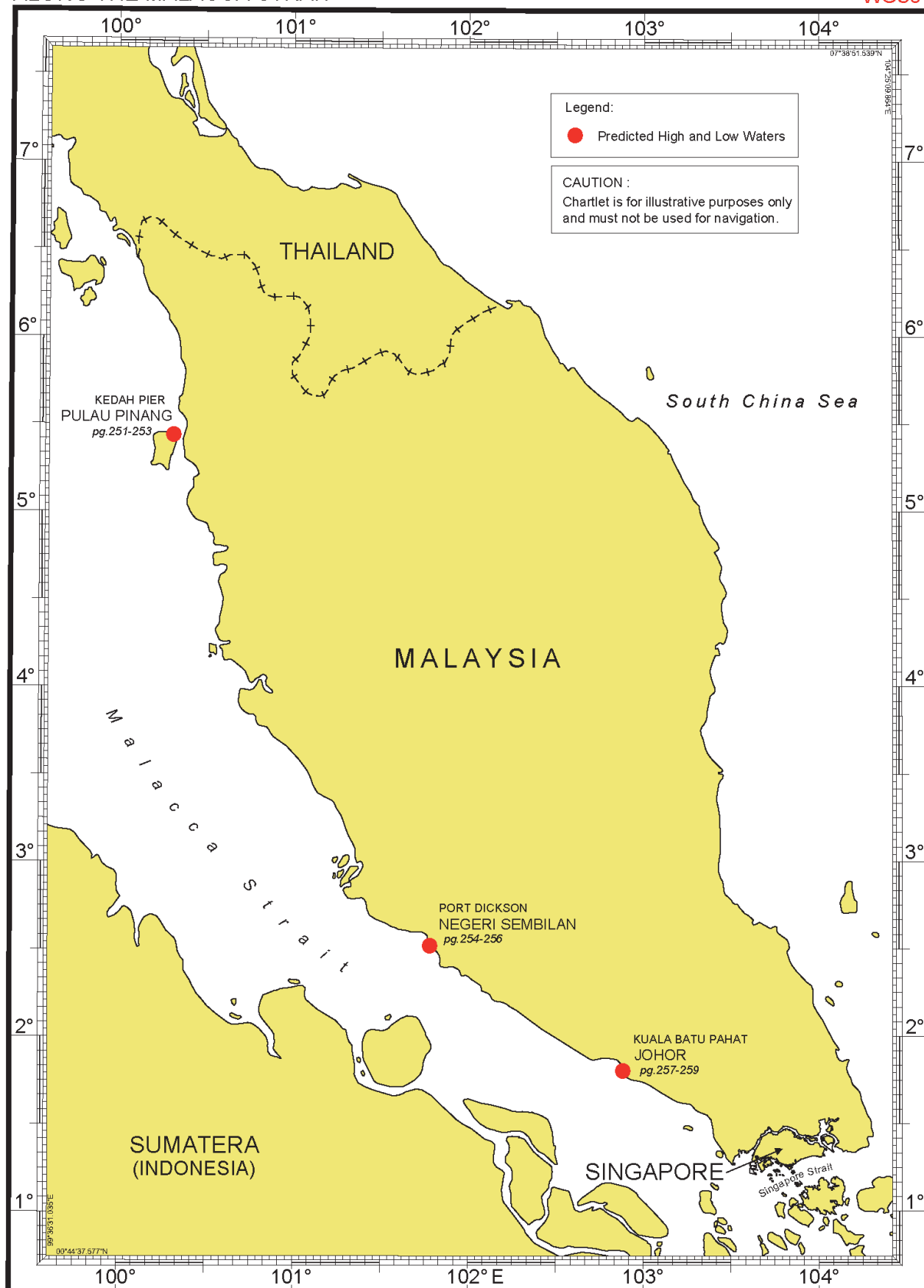


## II NEW CHARTS AND PUBLICATIONS

### Tidal Prediction Stations In Malacca Strait

LOCATIONS OF PREDICTED TIDAL HEIGHT STATIONS  
ALONG THE MALACCA STRAIT

WGS84



## II

### NOTICES TO MARINERS AND CHART CORRECTIONS

|               |                                                                                                   |                                               |                   |
|---------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------|
| <b>200</b>    | 4 Ed 01/09/15 Last NM 37/2022                                                                     | (Royal Malaysian Navy Notice No. 07/117/2023) | <b>NM 48/2023</b> |
| <b>Insert</b> |  <i>LFI. 10s</i> | 2°11·50'N                                     | 102°04·20'E       |
| <b>Delete</b> |  <i>LFI. 10s</i> | 2°12·34'N                                     | 102°04·55'E       |
|               |                                                                                                   | (Royal Malaysian Navy Notice No. 07/118/2023) | <b>NM 49/2023</b> |
| <b>Insert</b> | line joining:                                                                                     | (a) 2°16·31'N                                 | 102°06·12'E       |
|               |                                                                                                   | (b) 2°14·50'N                                 | 102°03·20'E       |
|               |                                                                                                   | (c) 2°13·00'N                                 | 102°03·20'E       |
|               |                                                                                                   | (d) 2°10·75'N                                 | 102°06·88'E       |
|               |                                                                                                   | (e) 2°14·41'N                                 | 102°08·54'E       |
| <b>Insert</b> | line joining:                                                                                     | (a) 2°15·87'N                                 | 102°05·40'E       |
|               |                                                                                                   | (b) 2°15·55'N                                 | 102°04·90'E       |
|               |                                                                                                   | (c) 2°14·60'N                                 | 102°04·90'E       |
|               |                                                                                                   | (d) 2°15·00'N                                 | 102°05·40'E       |
|               | legend '⚓' within:                                                                                | (a)-(d) above                                 |                   |
| <b>Insert</b> | line joining:                                                                                     | (a) 2°13·60'N                                 | 102°04·65'E       |
|               |                                                                                                   | (b) 2°13·20'N                                 | 102°04·00'E       |
|               |                                                                                                   | (c) 2°12·51'N                                 | 102°04·00'E       |
|               |                                                                                                   | (d) 2°12·11'N                                 | 102°04·65'E       |
|               | legend '⚓' within:                                                                                | (a)-(d) above                                 |                   |
| <b>Insert</b> | line joining:                                                                                     | (a) 2°15·24'N                                 | 102°04·41'E       |
|               |                                                                                                   | (b) 2°14·93'N                                 | 102°03·90'E       |
|               |                                                                                                   | (c) 2°13·80'N                                 | 102°03·90'E       |
|               |                                                                                                   | (d) 2°14·20'N                                 | 102°04·41'E       |
|               | legend '⚓' within:                                                                                | (a)-(d) above                                 |                   |

## II

### NOTICES TO MARINERS AND CHART CORRECTIONS

|               |                                   |               |             |
|---------------|-----------------------------------|---------------|-------------|
| <b>Insert</b> | line joining:                     | (a) 2°15·55'N | 102°04·90'E |
|               |                                   | (b) 2°15·24'N | 102°04·41'E |
|               |                                   | (c) 2°14·20'N | 102°04·41'E |
|               |                                   | (d) 2°14·60'N | 102°04·90'E |
|               | legend '⚓' within:                | (a)-(d) above |             |
| <b>Insert</b> | line joining:                     | (a) 2°14·10'N | 102°05·50'E |
|               |                                   | (b) 2°13·60'N | 102°04·65'E |
|               |                                   | (c) 2°12·50'N | 102°04·65'E |
|               |                                   | (d) 2°13·00'N | 102°05·50'E |
|               | legend '⚓' within:                | (a)-(d) above |             |
| <b>Insert</b> | line joining:                     | (a) 2°13·00'N | 102°05·50'E |
|               |                                   | (b) 2°12·50'N | 102°04·65'E |
|               |                                   | (c) 2°12·11'N | 102°04·65'E |
|               |                                   | (d) 2°11·44'N | 102°05·75'E |
|               |                                   | (e) 2°12·50'N | 102°06·30'E |
|               | legend '⚓' within:                | (a)-(e) above |             |
| <b>Insert</b> | line joining:                     | (a) 2°14·93'N | 102°03·90'E |
|               |                                   | (b) 2°14·50'N | 102°03·20'E |
|               |                                   | (c) 2°13·24'N | 102°03·20'E |
|               |                                   | (d) 2°13·80'N | 102°03·90'E |
|               | legend '⚓' within:                | (a)-(d) above |             |
| <b>Delete</b> | line joining:                     | (a) 2°16·29'N | 102°06·18'E |
|               |                                   | (b) 2°15·00'N | 102°04·50'E |
|               |                                   | (c) 2°12·30'N | 102°04·50'E |
|               |                                   | (d) 2°11·00'N | 102°07·00'E |
|               |                                   | (e) 2°14·11'N | 102°08·67'E |
|               | legend 'Sungai Udang' centred on: | 2°13·49'N     | 102°04·55'E |
|               | 'Harbour Limit' centred on:       | 2°11·33'N     | 102°06·58'E |

## II

### NOTICES TO MARINERS AND CHART CORRECTIONS

|               |                                                                                                   |                                               |                   |
|---------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------|
| <b>201</b>    | 6 Ed 15/09/17 Last NM 29/2023                                                                     | (Royal Malaysian Navy Notice No. 07/117/2023) | <b>NM 48/2023</b> |
| <b>Insert</b> |  <i>LFI. 10s</i> | 2°11·50'N                                     | 102°04·20'E       |
| <b>Delete</b> |  <i>LFI. 10s</i> | 2°12·31'N                                     | 102°04·41'E       |
|               |                                                                                                   | (Royal Malaysian Navy Notice No. 07/118/2023) | <b>NM 49/2023</b> |
| <b>Insert</b> | line joining:                                                                                     | (a) 2°16·31'N                                 | 102°06·12'E       |
|               |                                                                                                   | (b) 2°14·50'N                                 | 102°03·20'E       |
|               |                                                                                                   | (c) 2°13·00'N                                 | 102°03·20'E       |
|               |                                                                                                   | (d) 2°10·75'N                                 | 102°06·88'E       |
|               |                                                                                                   | (e) 2°14·41'N                                 | 102°08·54'E       |
| <b>Insert</b> | line joining:                                                                                     | (a) 2°15·87'N                                 | 102°05·40'E       |
|               |                                                                                                   | (b) 2°15·55'N                                 | 102°04·90'E       |
|               |                                                                                                   | (c) 2°14·60'N                                 | 102°04·90'E       |
|               |                                                                                                   | (d) 2°15·00'N                                 | 102°05·40'E       |
|               | legend '⚓' within:                                                                                | (a)-(d) above                                 |                   |
| <b>Insert</b> | line joining:                                                                                     | (a) 2°13·60'N                                 | 102°04·65'E       |
|               |                                                                                                   | (b) 2°13·20'N                                 | 102°04·00'E       |
|               |                                                                                                   | (c) 2°12·51'N                                 | 102°04·00'E       |
|               |                                                                                                   | (d) 2°12·11'N                                 | 102°04·65'E       |
|               | legend '⚓' within:                                                                                | (a)-(d) above                                 |                   |
| <b>Insert</b> | line joining:                                                                                     | (a) 2°15·24'N                                 | 102°04·41'E       |
|               |                                                                                                   | (b) 2°14·93'N                                 | 102°03·90'E       |
|               |                                                                                                   | (c) 2°13·80'N                                 | 102°03·90'E       |
|               |                                                                                                   | (d) 2°14·20'N                                 | 102°04·41'E       |
|               | legend '⚓' within:                                                                                | (a)-(d) above                                 |                   |

## II

### NOTICES TO MARINERS AND CHART CORRECTIONS

|               |                    |               |             |
|---------------|--------------------|---------------|-------------|
| <b>Insert</b> | line joining:      | (a) 2°15·55'N | 102°04·90'E |
|               |                    | (b) 2°15·24'N | 102°04·41'E |
|               |                    | (c) 2°14·20'N | 102°04·41'E |
|               |                    | (d) 2°14·60'N | 102°04·90'E |
|               | legend '⚓' within: | (a)-(d) above |             |
| <b>Insert</b> | line joining:      | (a) 2°14·10'N | 102°05·50'E |
|               |                    | (b) 2°13·60'N | 102°04·65'E |
|               |                    | (c) 2°12·50'N | 102°04·65'E |
|               |                    | (d) 2°13·00'N | 102°05·50'E |
|               | legend '⚓' within: | (a)-(d) above |             |
| <b>Insert</b> | line joining:      | (a) 2°13·00'N | 102°05·50'E |
|               |                    | (b) 2°12·50'N | 102°04·65'E |
|               |                    | (c) 2°12·11'N | 102°04·65'E |
|               |                    | (d) 2°11·44'N | 102°05·75'E |
|               |                    | (e) 2°12·50'N | 102°06·30'E |
|               | legend '⚓' within: | (a)-(e) above |             |
| <b>Insert</b> | line joining:      | (a) 2°14·93'N | 102°03·90'E |
|               |                    | (b) 2°14·50'N | 102°03·20'E |
|               |                    | (c) 2°13·24'N | 102°03·20'E |
|               |                    | (d) 2°13·80'N | 102°03·90'E |
|               | legend '⚓' within: | (a)-(d) above |             |
| <b>Delete</b> | line joining:      | (a) 2°16·28'N | 102°06·02'E |
|               |                    | (b) 2°15·01'N | 102°04·41'E |
|               |                    | (c) 2°12·31'N | 102°04·41'E |
|               |                    | (d) 2°10·99'N | 102°06·95'E |
|               |                    | (e) 2°14·31'N | 102°08·57'E |

## II

### NOTICES TO MARINERS AND CHART CORRECTIONS

|               |                           |               |             |
|---------------|---------------------------|---------------|-------------|
| <b>Delete</b> | line joining:             | (a) 2°15·78'N | 102°05·36'E |
|               |                           | (b) 2°15·30'N | 102°05·79'E |
|               |                           | (c) 2°15·00'N | 102°05·50'E |
|               |                           | (d) 2°15·49'N | 102°05·01'E |
|               | legend '⚓' centred on:    | 2°15·39'N     | 102°05·41'E |
| <b>Delete</b> | line joining:             | (a) 2°15·36'N | 102°04·88'E |
|               |                           | (b) 2°14·66'N | 102°04·89'E |
|               |                           | (c) 2°14·25'N | 102°04·40'E |
|               |                           | (d) 2°15·00'N | 102°04·39'E |
|               | legend '⚓' centred on:    | 2°14·74'N     | 102°04·64'E |
| <b>Delete</b> | line joining:             | (a) 2°13·93'N | 102°05·19'E |
|               |                           | (b) 2°12·86'N | 102°05·20'E |
|               |                           | (c) 2°12·31'N | 102°04·41'E |
|               |                           | (d) 2°13·46'N | 102°04·41'E |
|               | legend '⚓' centred on:    | 2°13·21'N     | 102°04·83'E |
|               | 'Petroleum' centred on:   | 2°12·63'N     | 102°04·99'E |
| <b>Delete</b> | line joining:             | (a) 2°12·86'N | 102°05·22'E |
|               |                           | (b) 2°12·30'N | 102°06·14'E |
|               |                           | (c) 2°11·58'N | 102°05·80'E |
|               |                           | (d) 2°12·29'N | 102°04·41'E |
|               | legend 'DW ⚓' centred on: | 2°12·24'N     | 102°05·53'E |

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## II

### NOTICES TO MARINERS AND CHART CORRECTIONS

**202**      8 Ed 15/09/16 Last NM 27/2023      (British Admiralty Notice No. 32/2689/2023)      **NM 50/2023**

**Insert**      submarine cable, , joining:

|  |                |             |
|--|----------------|-------------|
|  | 1°22·01'N      | 104°38·17'E |
|  | 1°22·63'N      | 104°39·24'E |
|  | 1°22·18'N      | 104°41·58'E |
|  | 1°24·40'N      | 104°48·51'E |
|  | 1°24·41'N      | 104°48·89'E |
|  | (Chart border) |             |

**502**      9 Ed 15/10/21 Last NM 37/2023      (British Admiralty Notice No. 32/2689/2023)      **NM 50/2023**

**Insert**      submarine cable, , joining:

|  |                |             |
|--|----------------|-------------|
|  | 1°10·03'N      | 104°08·33'E |
|  | 1°10·06'N      | 104°08·48'E |
|  | 1°11·47'N      | 104°08·84'E |
|  | 1°12·25'N      | 104°09·24'E |
|  | 1°12·14'N      | 104°12·18'E |
|  | 1°12·28'N      | 104°14·31'E |
|  | 1°12·73'N      | 104°17·31'E |
|  | (Chart border) |             |

**503**      5 Ed 15/08/14 Last NM 25/2022      (British Admiralty Notice No. 32/2689/2023)      **NM 50/2023**

(Chart Border)

**Insert**      submarine cable, , joining:

|  |                |             |
|--|----------------|-------------|
|  | 1°12·15'N      | 104°11·89'E |
|  | 1°12·14'N      | 104°12·18'E |
|  | 1°12·28'N      | 104°14·31'E |
|  | 1°13·05'N      | 104°19·48'E |
|  | 1°13·72'N      | 104°20·51'E |
|  | 1°14·48'N      | 104°23·28'E |
|  | 1°16·59'N      | 104°27·27'E |
|  | 1°17·17'N      | 104°28·12'E |
|  | 1°19·44'N      | 104°35·80'E |
|  | 1°21·56'N      | 104°37·39'E |
|  | 1°22·01'N      | 104°38·17'E |
|  | (Chart Border) |             |

## II TEMPORARY AND PRELIMINARY NOTICES

### \*(NM 51P/2023) : MIST SUBMARINE OPTIC FIBER CABLE SYSTEM

1. Submarine cables have been laid joining the following positions:  
 1°10·11'N,103°24·39'E  
 1°09·44'N,103°25·56'E  
 1°09·14'N,103°25·63'E  
 1°08·45'N,103°26·64'E  
 1°07·84'N,103°27·92'E  
 1°07·15'N,103°28·82'E  
 1°06·49'N,103°30·08'E  
 1°06·54'N,103°30·48'E  
 1°06·18'N,103°31·08'E  
 1°06·18'N,103°31·24'E  
 1°06·41'N,103°31·60'E  
 1°10·09'N,103°34·16'E  
 1°10·10'N,103°34·40'E  
 1°11·09'N,103°35·07'E  
 1°11·70'N,103°35·24'E  
 1°11·71'N,103°36·01'E  
 1°12·33'N,103°36·90'E  
 1°12·99'N,103°37·13'E
2. Mariners are advised to navigate with caution in the area.
3. These changes will be included in the next edition of Singaporean GSP1/SP1, 500, 501, 201, 202, Dual-Badged BA4030, BA4038, BA4039 and BA4040 and ENC SG5C4030 & SG5C4039.

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\*Source: Maritime and Port Authority of Singapore

**II**  
**TEMPORARY AND PRELIMINARY NOTICES**

**Cancelled Temporary and Preliminary Notices**

NIL

**III**  
**NAVIGATIONAL INFORMATION**

**\*(NM 52/2023)**

**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**

71/2023   Dredging work Sungai Changi

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\*Source: Maritime and Port Authority of Singapore

**III**  
**AMENDMENTS TO PUBLICATIONS**

NIL

## 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.

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ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 28<sup>th</sup> August 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>

### 2473\* SINGAPORE - Dredged depths. Buoyage. Light. NM Block. Depth. Foul.

Source: Maritime and Port Authority of Singapore

Note: AIS remains unchanged at Banyan light-beacon on charts 4031, 4032, 4039 and 4040.

#### Chart 4030 [ previous update 594/23 ] WGS84 DATUM

|       |                                             |                              |
|-------|---------------------------------------------|------------------------------|
| Amend | dredged depth to, 23·0m (2022), centred on: | 1° 15'·260N., 103° 38'·443E. |
|       |                                             | 1° 15'·261N., 103° 38'·608E. |

#### Chart 4031 [ previous update 2384/23 ] WGS84 DATUM

|        |                                            |                              |
|--------|--------------------------------------------|------------------------------|
| Insert | the accompanying block, centred on:        | 1° 15'·1N., 103° 38'·6E.     |
| Amend  | light to, Fl(2)10s11m8/5M (Dual Intensity) | 1° 13'·346N., 103° 41'·585E. |

#### Chart 4032 [ previous update 1899/23 ] WGS84 DATUM

|       |                                             |                              |
|-------|---------------------------------------------|------------------------------|
| Amend | dredged depth to, 11·7m (2022), centred on: | 1° 15'·940N., 103° 42'·669E. |
|       | dredged depth to, 11·6m (2022), centred on: | 1° 15'·897N., 103° 42'·751E. |
|       | dredged depth to, 10·0m (2022), centred on: | 1° 15'·852N., 103° 42'·831E. |
|       | dredged depth to, 1·5m (2022), centred on:  | 1° 15'·710N., 103° 43'·098E. |
|       | dredged depth to, 3·1m (2022), centred on:  | 1° 15'·667N., 103° 43'·185E. |
|       | dredged depth to, 14·2m (2022), centred on: | 1° 15'·641N., 103° 43'·613E. |
|       | light to, Fl(2)10s11m8/5M (Dual Intensity)  | 1° 13'·346N., 103° 41'·585E. |

#### Chart 4033 [ previous update 594/23 ] WGS84 DATUM

|       |                                             |                              |
|-------|---------------------------------------------|------------------------------|
| Amend | dredged depth to, 23·0m (2022), centred on: | 1° 15'·259N., 103° 38'·443E. |
|       |                                             | 1° 15'·260N., 103° 38'·609E. |

#### Chart 4034 [ previous update 1668/23 ] WGS84 DATUM

|        |                                                                                             |                              |
|--------|---------------------------------------------------------------------------------------------|------------------------------|
| Insert |  JPOC-WC | 1° 17'·597N., 103° 45'·068E. |
| Amend  | dredged depth to, 11·9m (2023), centred on:                                                 | 1° 18'·461N., 103° 42'·987E. |
|        | dredged depth to, 13·4m (2023), centred on:                                                 | 1° 18'·394N., 103° 43'·067E. |
|        | dredged depth to, 11·5m (2023), centred on:                                                 | 1° 18'·257N., 103° 43'·230E. |
|        | dredged depth to, 11·9m (2023), centred on:                                                 | 1° 18'·190N., 103° 43'·307E. |
|        | dredged depth to, 11·8m (2023), centred on:                                                 | 1° 18'·135N., 103° 43'·392E. |
|        | dredged depth to, 11·8m (2023), centred on:                                                 | 1° 18'·093N., 103° 43'·479E. |
|        | dredged depth to, 12·2m (2023), centred on:                                                 | 1° 18'·048N., 103° 43'·568E. |
|        | dredged depth to, 12·9m (2023), centred on:                                                 | 1° 18'·011N., 103° 43'·642E. |
|        | dredged depth to, 11·6m (2022), centred on:                                                 | 1° 15'·896N., 103° 42'·751E. |
|        | dredged depth to, 10·0m (2022), centred on:                                                 | 1° 15'·854N., 103° 42'·832E. |
|        | dredged depth to, 1·5m (2022), centred on:                                                  | 1° 15'·718N., 103° 43'·107E. |
|        | dredged depth to, 3·1m (2022), centred on:                                                  | 1° 15'·667N., 103° 43'·184E. |
|        | dredged depth to, 14·2m (2022), centred on:                                                 | 1° 15'·641N., 103° 43'·612E. |

#### Chart 4035 [ previous update 1899/23 ] WGS84 DATUM

|       |                                             |                              |
|-------|---------------------------------------------|------------------------------|
| Amend | dredged depth to, 8·8m (2022), centred on:  | 1° 12'·661N., 103° 47'·584E. |
|       | dredged depth to, 16·4m (2022), centred on: | 1° 12'·601N., 103° 47'·712E. |

#### Chart 4036 [ previous update 1899/23 ] WGS84 DATUM

|        |                                             |                              |
|--------|---------------------------------------------|------------------------------|
| Insert | dredged depth to, 8·8m (2022), centred on:  | 1° 12'·661N., 103° 47'·583E. |
|        | dredged depth to, 16·4m (2022), centred on: | 1° 12'·598N., 103° 47'·709E. |

**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 4037** [ *previous update 1673/23* ] WGS84 DATUM

Replace depth, 20, enclosed by 20m contour with  $\#$  (20<sub>1</sub>) 1° 15'·582N., 103° 51'·299E.

**Chart 4039** [ *previous update 2384/23* ] WGS84 DATUM

Amend light to, Fl(2)10s11m8/5M (Dual Intensity) 1° 13'·34N., 103° 41'·59E.

**Chart 4040** [ *previous update 2384/23* ] WGS84 DATUM

Insert  $\#$  (20<sub>1</sub>) 1° 15'·58N., 103° 51'·30E.

Amend light to, Fl(2)10s11m8/5M (Dual Intensity) 1° 13'·34N., 103° 41'·59E.

**Chart 4041** [ *previous update 1899/23* ] WGS84 DATUM

Insert  $\#$  (20<sub>1</sub>) 1° 15'·58N., 103° 51'·30E.

 Fl.Y.4s STEUIS-1 1° 18'·51N., 103° 58'·50E.

 Fl.Y.4s STEUIS-2 1° 18'·50N., 103° 59'·62E.

**Chart 4043** [ *previous update 1754/23* ] WGS84 DATUM

Insert  Fl.Y.4s STEUIS-1 1° 18'·51N., 103° 58'·50E.

 Fl.Y.4s STEUIS-2 1° 18'·50N., 103° 59'·62E

**2689 MALAYSIA - Sarawak - Submarine cable.**

Source: FiberHome Telecommunications, Indonesian Notice 51/586(T)/22 and Marine Department, Sarawak Notice 134/21

Note: Former Notice 4827(T)/21 is cancelled.

**2689 MALAYSIA - Sarawak - Submarine cable. (continued)**

**Chart 4042** [ *previous update 2317/23* ] WGS84 DATUM

Insert submarine cable, ~~~, joining:

1° 10'·03N., 104° 08'·33E.  
 1° 10'·04N., 104° 08'·45E.  
 1° 10'·13N., 104° 08'·51E.  
 1° 10'·43N., 104° 08'·55E.  
 1° 11'·47N., 104° 08'·84E.  
 1° 12'·19N., 104° 09'·17E.  
 1° 12'·24N., 104° 09'·38E.  
 1° 12'·15N., 104° 10'·43E.  
 1° 12'·13N., 104° 12'·17E.  
 1° 12'·21N., 104° 12'·76E.  
 1° 12'·28N., 104° 14'·31E.  
 1° 13'·06N., 104° 19'·50E.

Updated to Admiralty Notices to Mariners no. 35 of 2023 dated 31<sup>st</sup> August 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 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](mailto: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 : .....

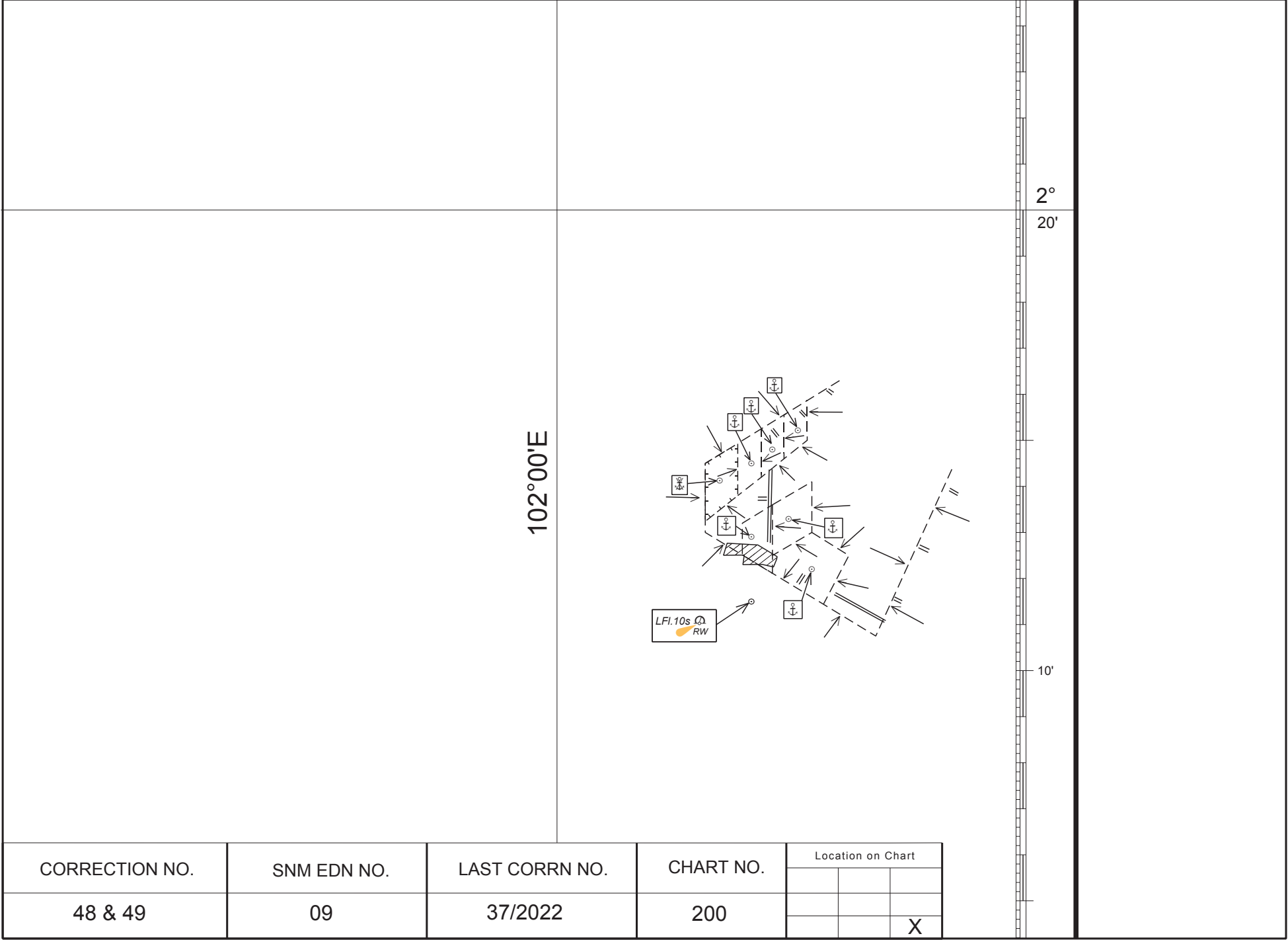
### **Equipment Used** :

Type of Position Fixing : GPS/DGPS Others : .....

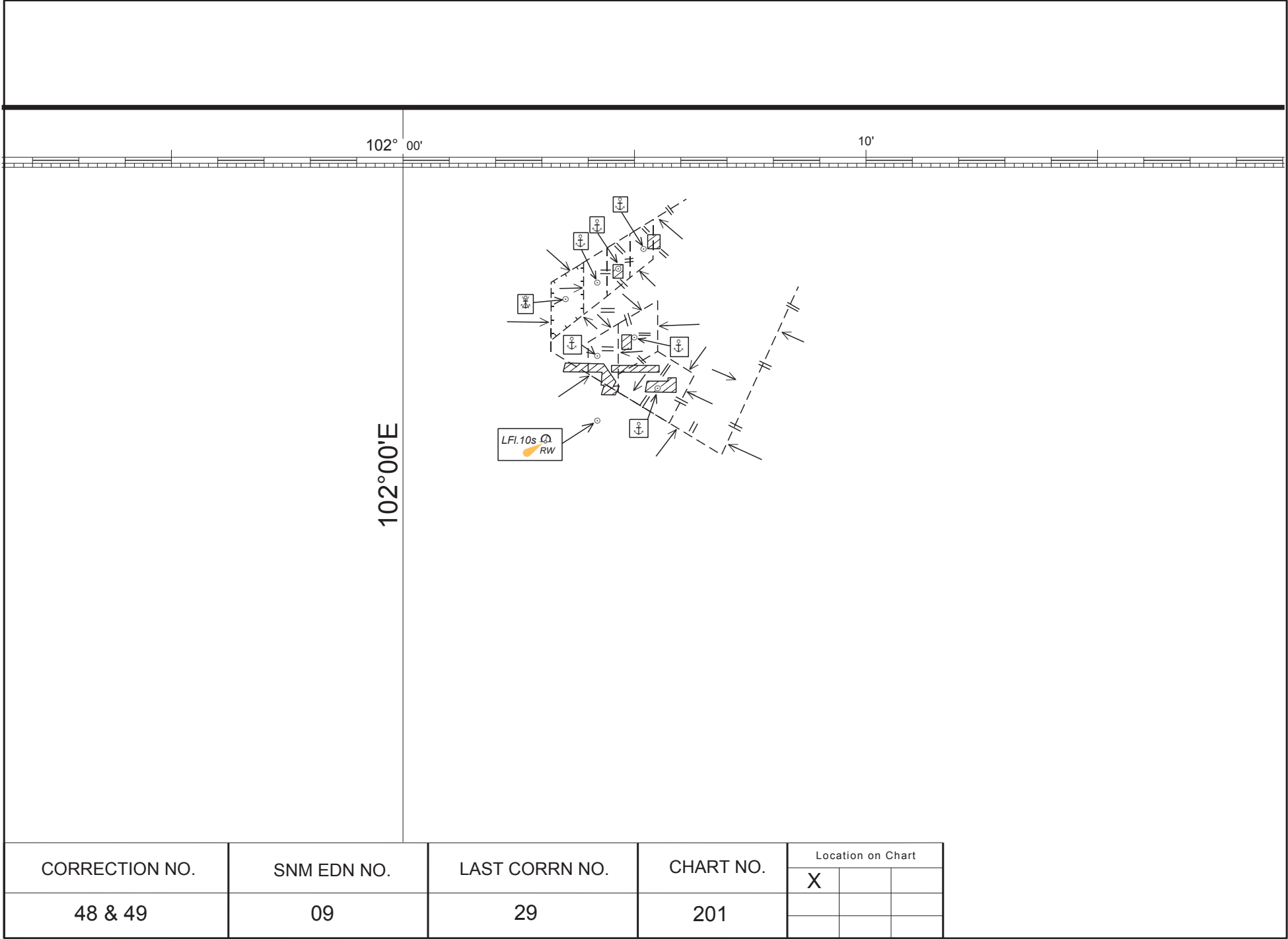
Type of Echo Sounder : .....

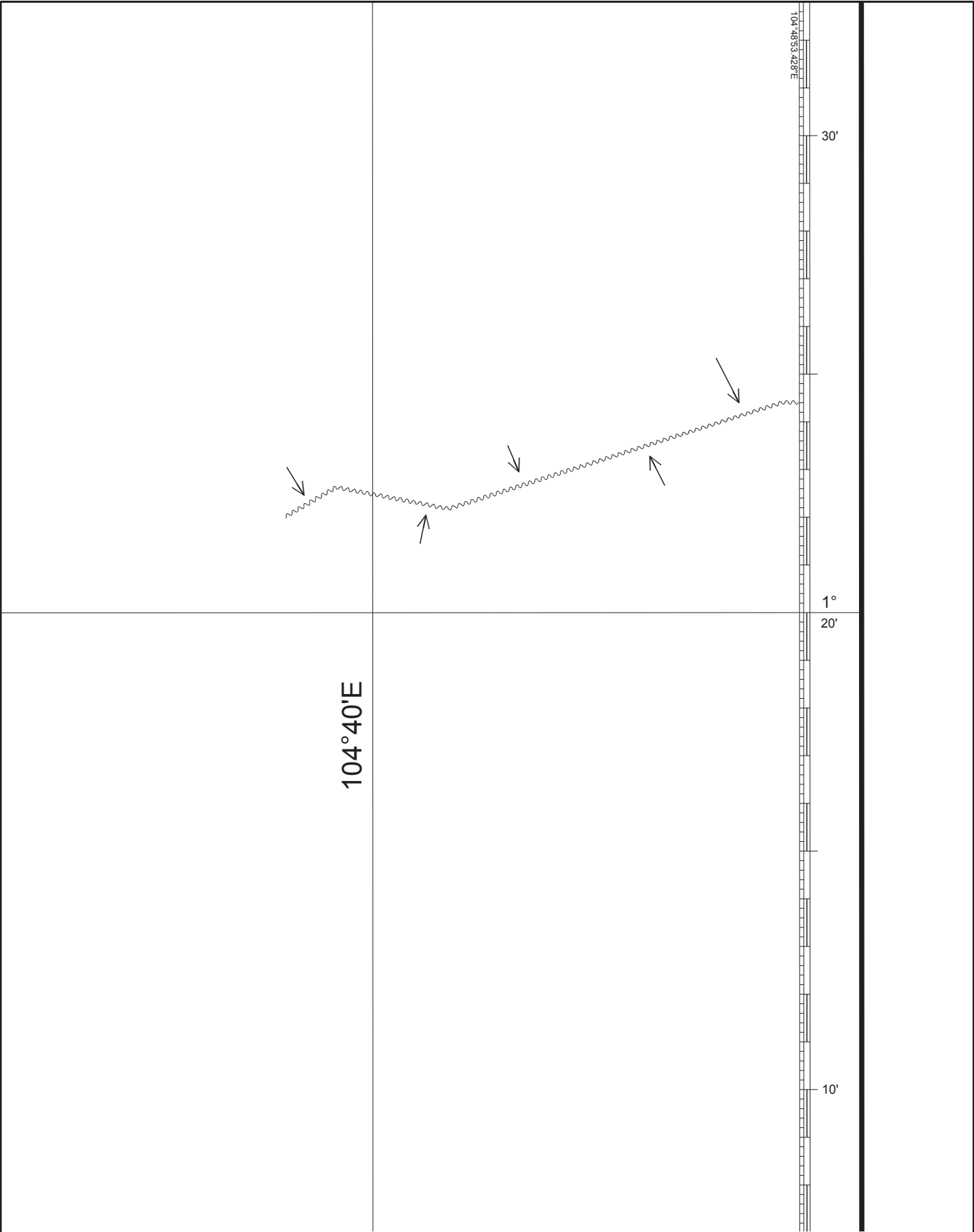
Name and Signature : .....

Ship's/Company's Stamp : .....



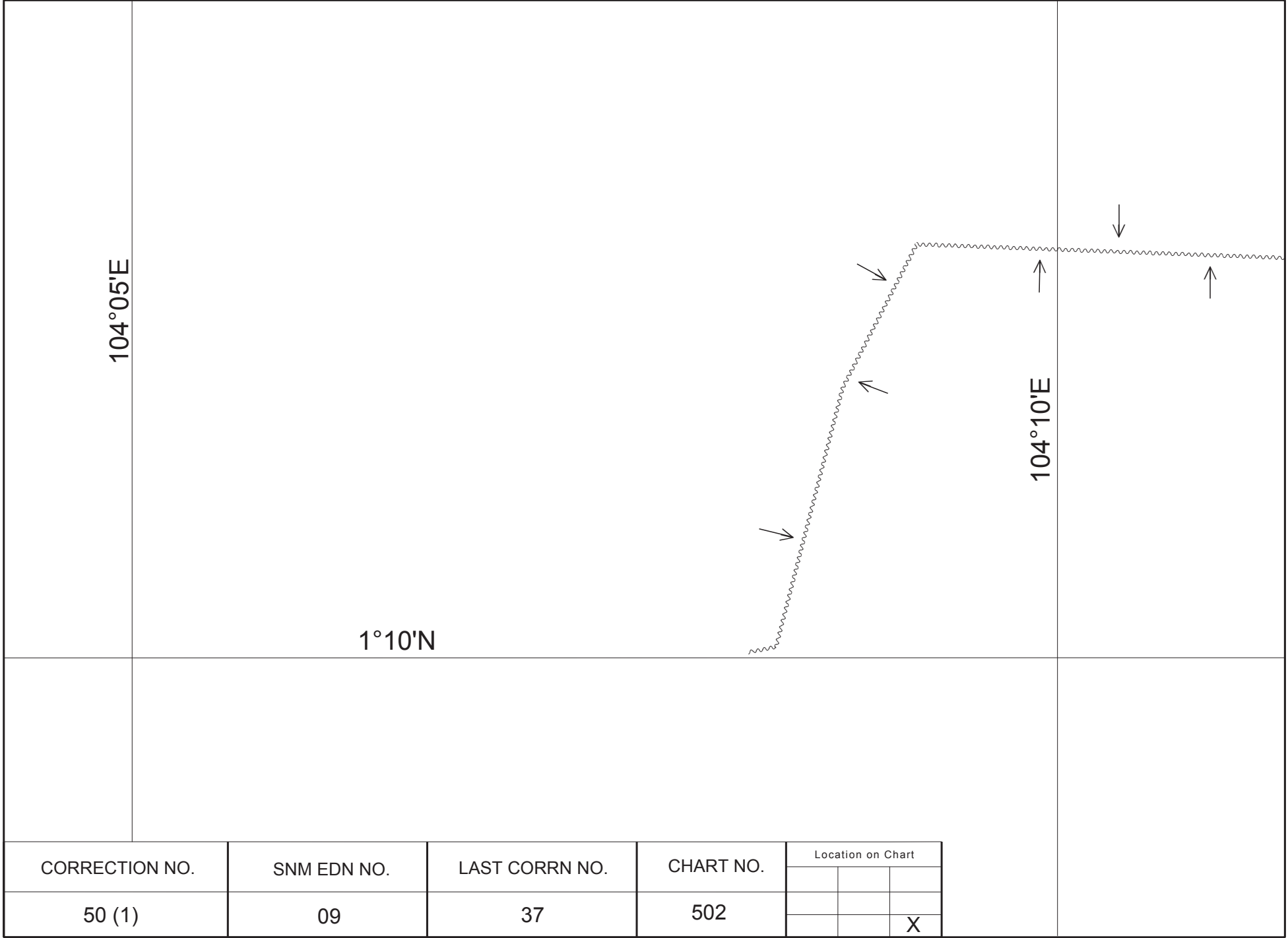
Caution : some computer printers might distort the tracings.  
Users are advised to check and, if necessary, adjust settings on the printer



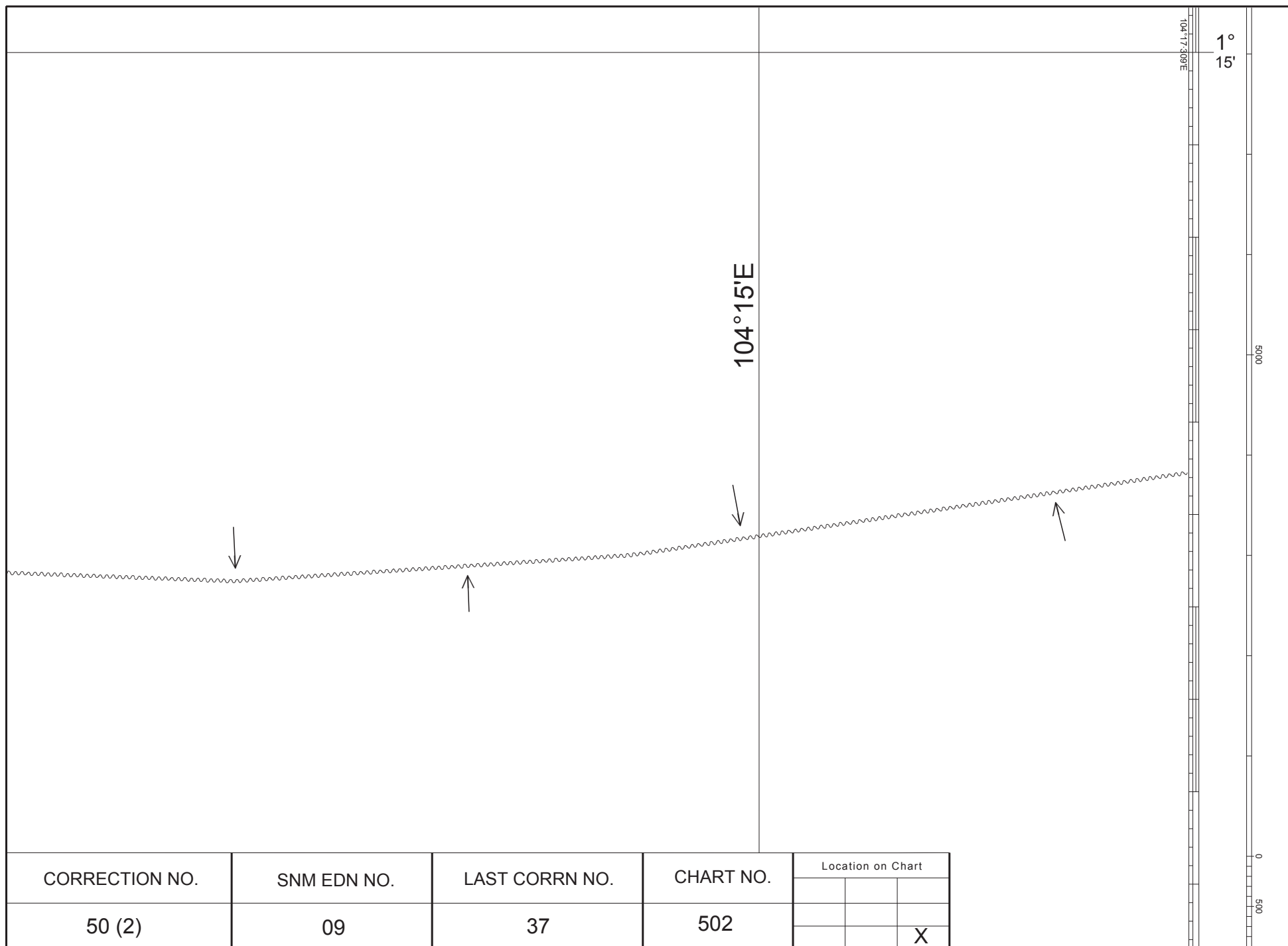


| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart |  |   |
|----------------|-------------|-----------------|-----------|-------------------|--|---|
|                |             |                 |           |                   |  |   |
| 50             | 09          | 27              | 202       |                   |  | X |
|                |             |                 |           |                   |  |   |

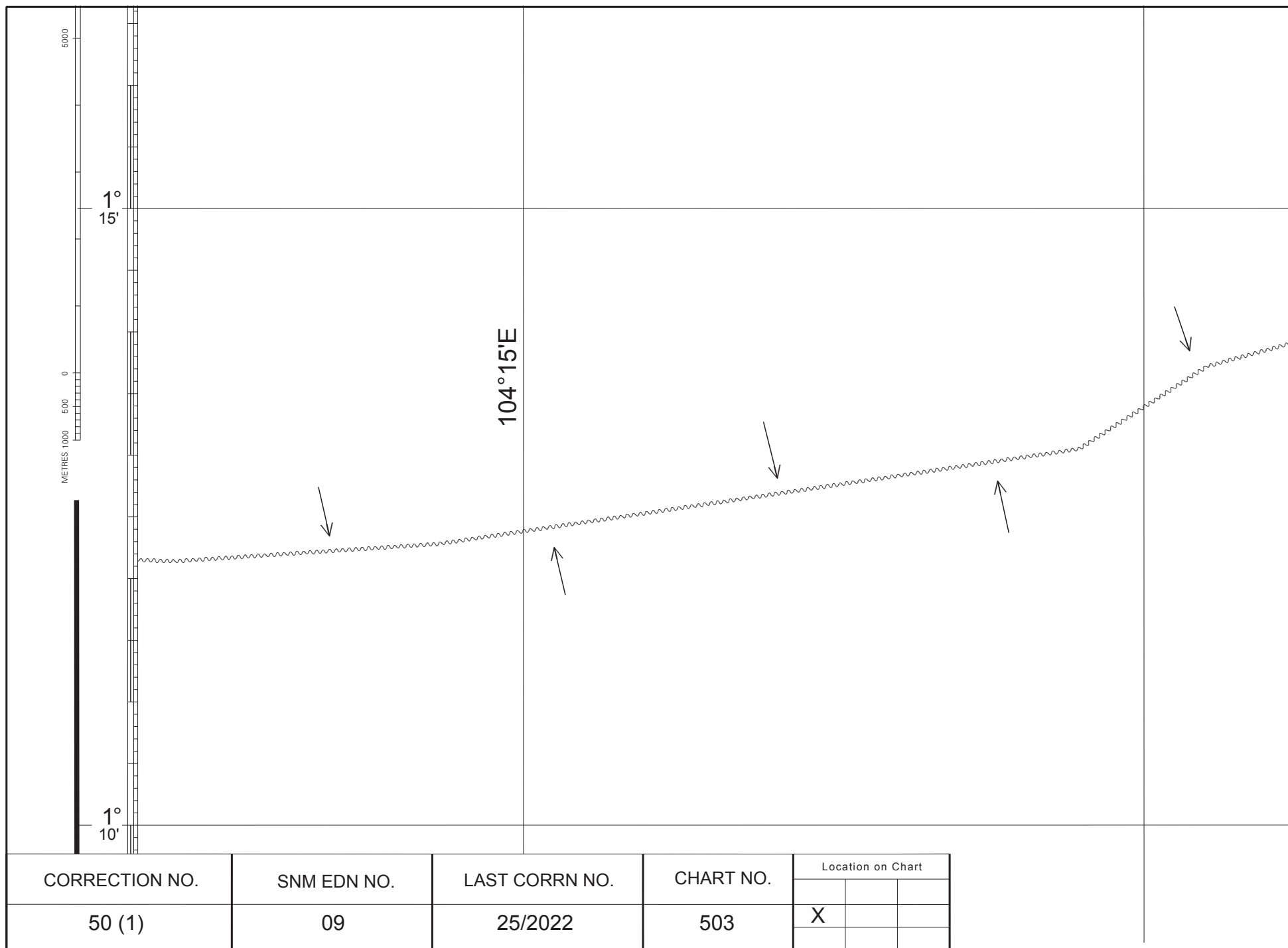
Caution : some computer printers might distort the tracings.  
Users are advised to check and, if necessary, adjust settings on the printer



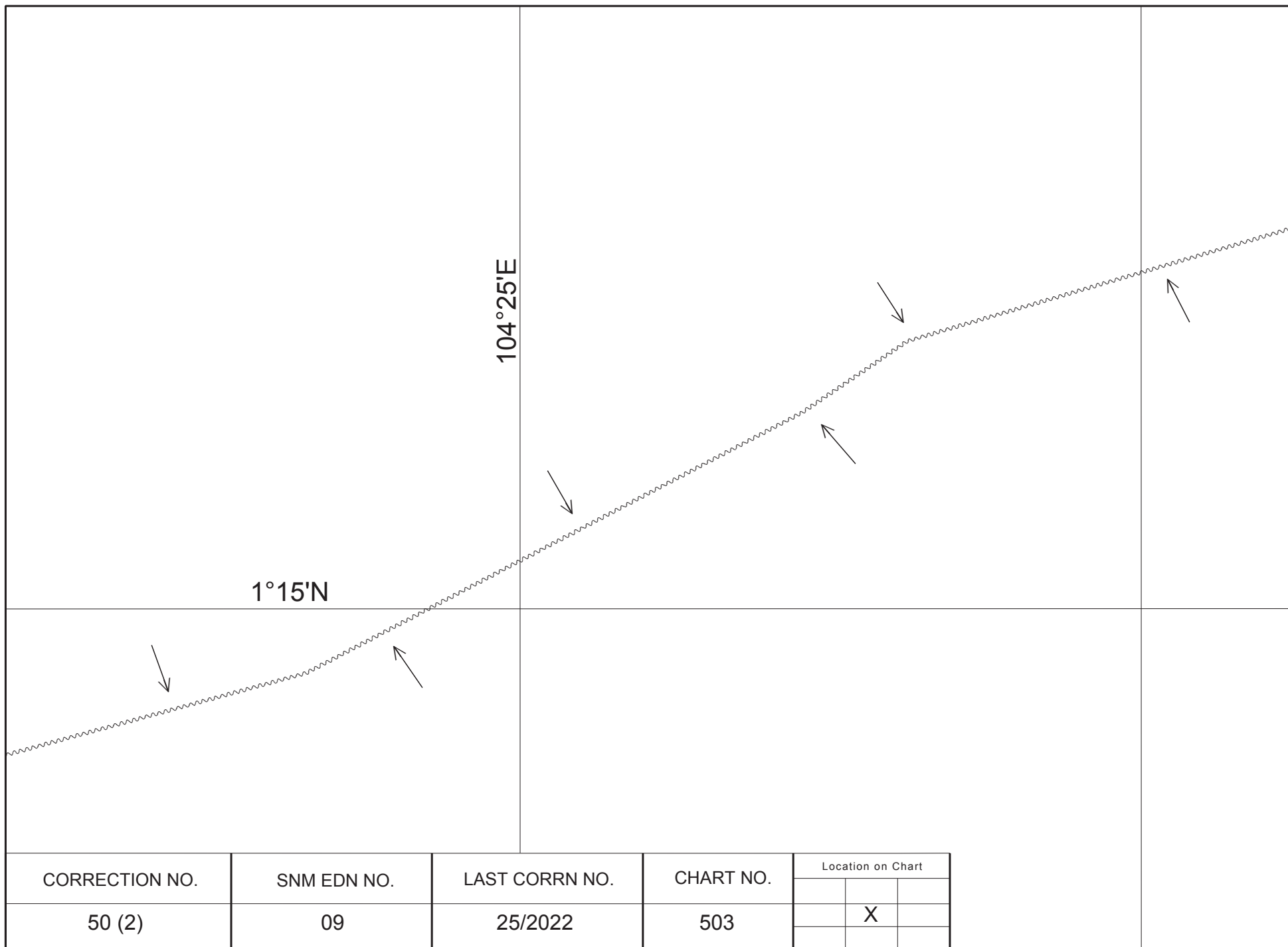
Caution : some computer printers might distort the tracings.  
Users are advised to check and, if necessary, adjust settings on the printer



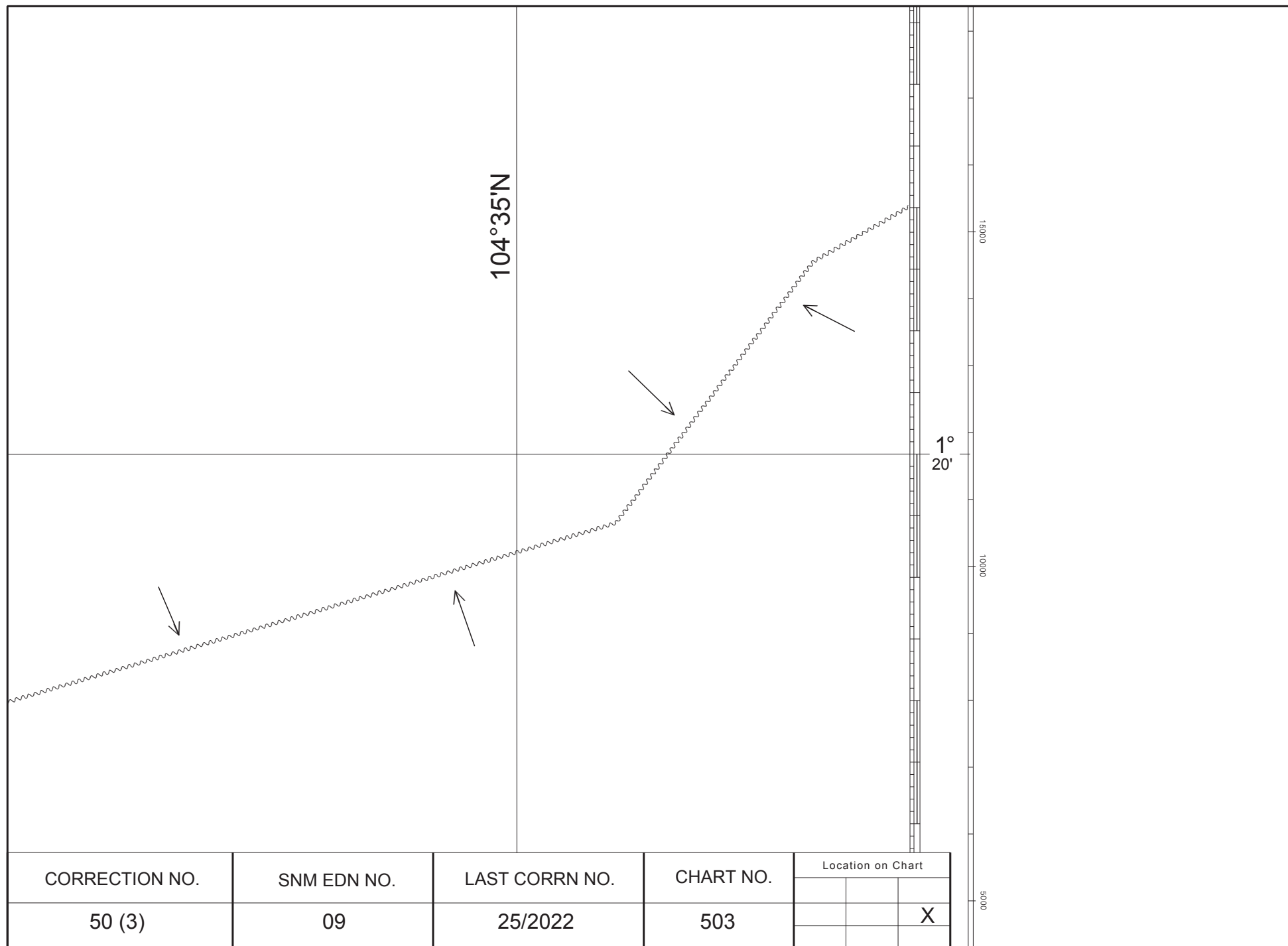
Caution : some computer printers might distort the tracings.  
Users are advised to check and, if necessary, adjust settings on the printer



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

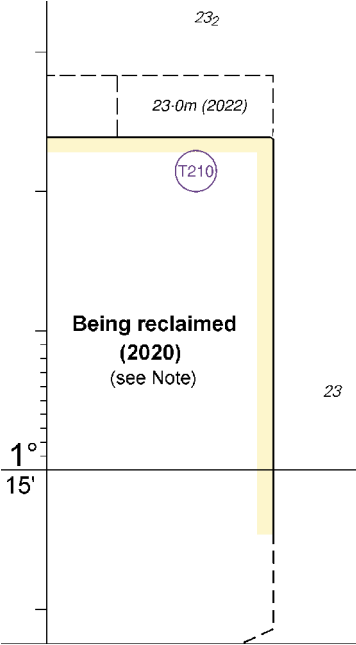


Caution : some computer printers might distort the tracings.  
Users are advised to check and, if necessary, adjust settings on the printer



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

To accompany Notice to Mariners 2473/23. Image Size (mm) 84.9 by 46.9



Block for Chart No 4031