



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>

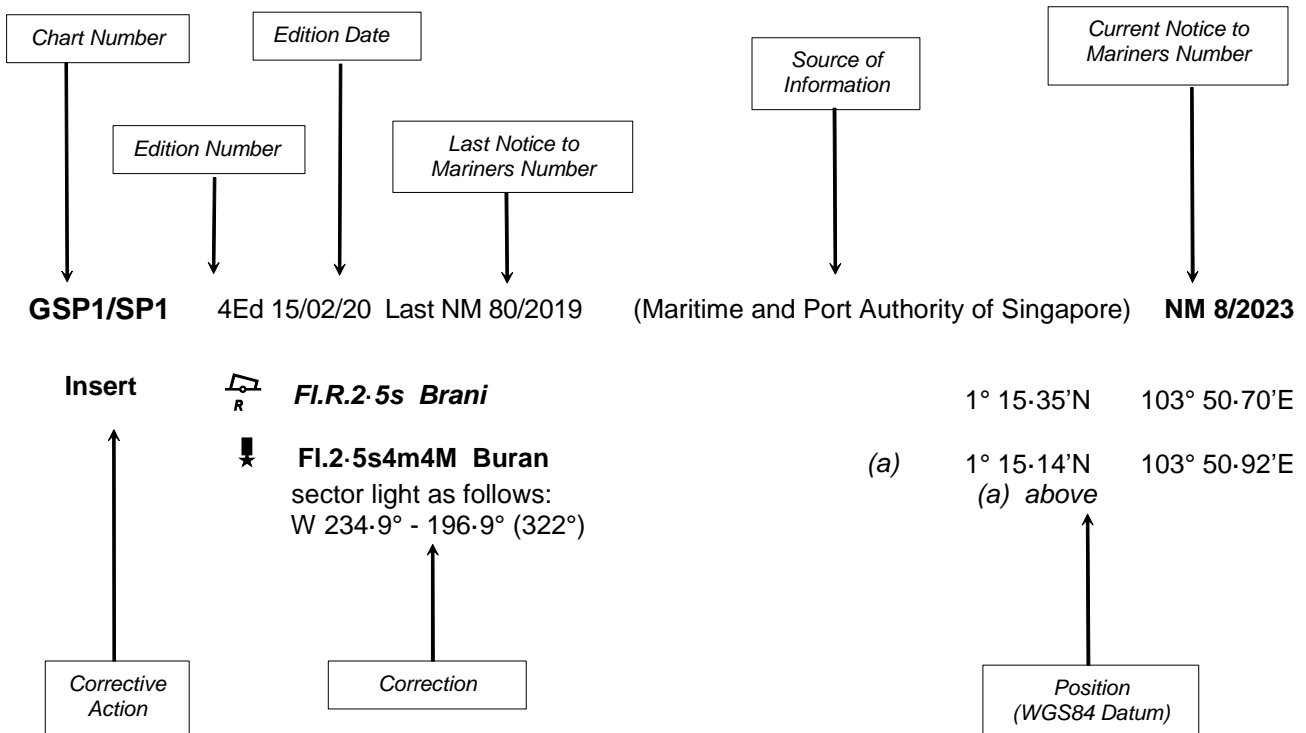
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



Notes:

- a) Notice to Mariners number followed by:
T indicates a Temporary Notice (eg. **NM 9T/2023**).
P indicates a Preliminary Notice (eg. **NM 10P/2023**).
- 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

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 30TH 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 : 30th 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 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 to be Published : 30th 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 has been 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 : 30th 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 has been superseded.

II
NEW CHARTS AND PUBLICATIONS

NEW EDITION SINGAPORE ENC RELEASED ON 30TH 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 : 30th 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 has been 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 : 30th 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 has been 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 : 30th 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 has been superseded.

II NEW CHARTS AND PUBLICATIONS

SINGAPOREAN CHARTS FOR SMALL CRAFT TO BE WITHDRAWN WITH EFFECT FROM 1ST JAN 2024

Chart	: CHARTS FOR SMALL CRAFT
Chart Title	: Singapore Port Waters and Approaches - 2022/2023 Edition
Date to be withdrawn	: 1 st January 2024
Description	: The Singaporean Charts for Small Craft will be discontinued from 1 st January 2024. The existing Charts for Small Craft, 2022/2023 Edition published on 15 th May 2022 will be withdrawn from 1 st January 2024. Singaporean nautical charts and large-scale nautical charts continue to be available at our distributors. <ul style="list-style-type: none"> • Singaporean Charts • Dual-Badged Charts • Singapore ENC

NEW EDITION SINGAPORE PORT INFORMATION 2024 TO BE AVAILABLE ON THE MPA WEBSITE FROM 1ST JANUARY 2024, FREE-OF-CHARGE

Information:

The Singapore Port Information publication will be made available on the MPA website starting from the 2024 edition, free-of-charge.

From the 2024 Edition onwards, the Singapore Port Information will no longer be available as a hard copy publication and will not be for sale.

The publication will be available for viewing at the following link from 1st January 2024 onwards:

- [Singapore Port Information](#)

Summary of Publication

This publication contains Port Information such as:

1. Routeing and Reporting Information

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

2. Pilotage and Pilotage Exemption Information

- * Pilotage
- * Pilotage Exemption Course

3. Port Clearances and Reporting Procedures

- * Port health clearances procedures for vessels arriving Singapore
- * Port clearance formalities for arriving and departing vessels
- * Reporting of marine incidents in port

II NEW CHARTS AND PUBLICATIONS

- * Dissemination of passage plan to shipmasters
- * Conduct of mandatory port limit courses
- * Facilities for the collection of garbage from ships in Singapore
- * Singapore Port Dues

4. Navigational Information

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

5. Information on Aids to Navigation

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

6. Information on Wharves, Docks and Berths

7. Communication - International Code of Signals




8. Nautical Services and Products

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

It will be useful for the following users:


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


II NOTICES TO MARINERS AND CHART CORRECTIONS


GSP1/SP1	7 Ed 01/02/23 Last NM 61/2023	(Maritime and Port Authority of Singapore)	*NM 69/2023
Insert	#		1°13·33'N 103°41·54'E
		(Maritime and Port Authority of Singapore)	*NM 70/2023
Insert	#		1°11·12'N 103°47·62'E
		(Maritime and Port Authority of Singapore)	*NM 71/2023
Insert	#		1°27·15'N 103°42·82'E
<hr/>			
202	8 Ed 15/09/16 Last NM 65/2023	(Pushidrosal Indonesian Notice No. 44/485/2023)	NM 72/2023
Insert	submarine pipeline,  , joining:		1°18·83'N 104°38·17'E
			1°19·60'N 104°41·81'E
			1°19·15'N 104°44·24'E
			1°18·88'N 104°44·49'E
			1°17·60'N 104°48·88'E
			(Chart border)
<hr/>			
500	8 Ed 15/09/17 Last NM 35/2023	(Maritime and Port Authority of Singapore)	*NM 69/2023
Insert	#		1°13·33'N 103°41·54'E
		(Malaysia Marine Department Notice No.248/2023)	NM 73/2023
Delete	 , Fl(4)Y.10s		1°15·27'N 103°33·54'E
<hr/>			
501	7 Ed 01/09/15 Last NM 64/2023	(Maritime and Port Authority of Singapore)	*NM 70/2023
Insert	#		1°11·12'N 103°47·62'E
		(Malaysia Marine Department Notice No.248/2023)	NM 73/2023
Delete	 , Fl(4)Y.10s		1°15·27'N 103°33·54'E

*Source: Maritime and Port Authority of Singapore

II
NOTICES TO MARINERS AND CHART CORRECTIONS

502	9 Ed 15/10/21 Last NM 50/2023 (Pushidrosal Indonesian Notice No. 44/485/2023)	NM 72/2023
Insert	submarine pipeline,  , joining:	<p>1°16·25'N 104°08·35'E</p> <p>1°16·02'N 104°09·06'E</p> <p>1°15·27'N 104°10·33'E</p> <p>1°14·75'N 104°10·76'E</p> <p>1°14·50'N 104°11·32'E</p> <p>1°13·94'N 104°11·85'E</p> <p>1°13·97'N 104°14·10'E</p> <p>1°13·96'N 104°13·76'E</p> <p>1°14·03'N 104°16·49'E</p> <p>1°14·47'N 104°17·31'E</p> <p><i>(Chart border)</i></p>

503	5 Ed 15/08/14 Last NM 65/2023 (Pushidrosal Indonesian Notice No. 44/485/2023)	NM 72/2023
Insert	submarine pipeline,  , joining:	<p>1°13·93'N 104°11·89'E</p> <p><i>(Chart border)</i></p> <p>1°14·03'N 104°15·57'E</p> <p>1°14·40'N 104°17·17'E</p> <p>1°16·08'N 104°21·77'E</p> <p>1°16·25'N 104°22·60'E</p> <p>1°15·98'N 104°25·20'E</p> <p>1°16·75'N 104°26·62'E</p> <p>1°18·46'N 104°31·99'E</p> <p>1°18·06'N 104°33·82'E</p> <p>1°18·83'N 104°38·17'E</p> <p><i>(Chart border)</i></p>

	(HE025/141/2023)	*NM 74/2023
Delete		1°19·71'N 104°24·31'E

*Source: Maritime and Port Authority of Singapore

II
TEMPORARY AND PRELIMINARY NOTICES

***(NM 75T/2023) : HIGH SPOT AT SOUTH OF CONEY ISLAND**

Description : 1. An obstruction with high spot of –0.3 m has been reported at position Lat 1°24.05'N Long 103°55.87'E, south of Coney Island.

2. Mariners are advised to navigate with caution.

Charts affected : Dual Badged BA4044, SG GSP1/SP1

ENCs affected : SG5C4044

*Source: Maritime and Port Authority of Singapore

II
TEMPORARY AND PRELIMINARY NOTICES

Cancelled Temporary and Preliminary Notices

NIL

III NAVIGATIONAL INFORMATION

*(NM 76/2023) 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

- | | |
|---------|---|
| 11/2023 | Issuance of a proof of sustainability with the bunker delivery note for bio-fuel deliveries to ships engaged in international shipping in the port of Singapore |
| 12/2023 | Digital bunkering |
| 13/2023 | Enhanced measures to reduce heat stress risks for outdoor workers |

PMN No. Subject

- | | |
|----------|--|
| 096/2023 | Installation of jetty & floating pontoons at Coney Island |
| 101/2023 | Repair works at Brani PCG base |
| 102/2023 | Supply and delivery of sand at Tuas View extension |
| 104/2023 | Design and build of off-loading quay at Seraya, Jurong Island |
| 105/2023 | Works at Tuas Terminal Phase 2 |
| 107/2023 | Installation of floating pontoons at republic of Singapore Yacht Club |
| 113/2023 | Dredging of Waterfront at 182 Pandan Loop |
| 114/2023 | Removal & extraction of Spun Piles and Installation of Floating Sea Barrier at Poyan |
| 115/2023 | Construction of temporary cofferdam at west of Pulau Punggol Barat |

*Source: Maritime and Port Authority of Singapore

III
AMENDMENTS TO PUBLICATIONS

***(NM 77/2023) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2022/2023”**

WHARVES AND BERTHS

48 SINGAPORE CRUISE CENTRE (SINGAPORE CRUISE CENTRE PTE LTD)

48.1 International Passenger Terminal (IPT) - 1°15·7'N, 103°49·1'E

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Amend the following:

Berth (L-pier)	Length of Berth Box	Max LOA	Depth Alongside (Year Surveyed)	Approach Depth
CC01	310m	270m	11·8m (2023)	9·8m
CC02	265m	255m	10·0m (2023)	9·7m
VC01	160m	145m	8·6m (2023)	9·1m

*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.

TT019

CABLE VESSEL -ASEAN EXPLORER- AND ASSISTED BY TWO SAFETY BOATS ARE CARRYING OUT CABLE REPAIR WORKS IN THE SINGAPORE STRAIT IN THE WESTBOUND LANE SOUTH AEB OF VTIS SECTOR 9, FROM 28 NOV 2023 TO 07 DEC 2023. TRANSITTING VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

TT010 (AMENDED 18 NOV)

SAFE WATER MARK FROM RACON DELTA (SOUTH CARDINAL BUOY) QFL(6) 15S IN POSITION AT LAT 01-03.607N LONG 103-38.959E REMOVED FOR MAINTENANCE. ALL VESSELS PASSING THE VICINITY ARE ADVISED TO NAVIGATE WITH EXTRA 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.

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 28th November 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>

4003* SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 4034 [*previous update 3075/23*] WGS84 DATUM

Amend designation of buoy to, *OUS* 1° 17'·616N., 103° 44'·995E.

4015* SINGAPORE - Depths.

Source: Maritime and Port Authority of Singapore

Chart 4035 [*previous update 3076/23*] WGS84 DATUM

Replace depth, *2I₆*, with depth, *2I₅* 1° 14'·293N., 103° 48'·221E.

Chart 4040 [*previous update 3769/23*] WGS84 DATUM

Replace depth, *2I₆*, with depth, *2I₅* 1° 14'·29N., 103° 48'·22E.

Chart 4041 [*previous update 2473/23*] WGS84 DATUM

Replace depth, *2I₆*, with depth, *2I₅* 1° 14'·29N., 103° 48'·22E.

4006(P)/23 SINGAPORE - Works. Dredging areas.

Source: Maritime and Port Authority of Singapore

1. Dredging works are taking place for reclamation along the Tuas western coast, within an area bounded by the following positions:

1° 20'·23N., 103° 37'·95E.

1° 20'·27N., 103° 37'·97E.

1° 20'·36N., 103° 38'·01E.

1° 20'·42N., 103° 37'·93E.

1° 20'·44N., 103° 37'·90E.

1° 20'·44N., 103° 37'·88E.

1° 20'·43N., 103° 37'·83E.

1° 20'·42N., 103° 37'·81E.

1° 20'·40N., 103° 37'·79E.

1° 20'·38N., 103° 37'·76E.

1° 20'·35N., 103° 37'·74E.

1° 20'·34N., 103° 37'·73E.

1° 19'·80N., 103° 37'·41E.

1° 19'·62N., 103° 37'·28E.

1° 19'·24N., 103° 37'·05E.

1° 18'·56N., 103° 36'·97E.

1° 18'·48N., 103° 37'·23E.

1° 18'·16N., 103° 37'·11E.

1° 18'·11N., 103° 37'·23E.

and

1° 18'·88N., 103° 36'·92E.

1° 18'·17N., 103° 36'·84E.

1° 17'·50N., 103° 36'·65E.

1° 17'·52N., 103° 36'·60E.

1° 16'·92N., 103° 36'·44E.

1° 16'·91N., 103° 36'·38E.

1° 17'·01N., 103° 36'·41E.

1° 17'·55N., 103° 36'·55E.

1° 18'·84N., 103° 36'·90E.

2. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information. (WGS84 DATUM)

Charts affected - 4038 - 4040

Updated to Admiralty Notices to Mariners no. 48 of 2023 dated 30th November 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

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 :

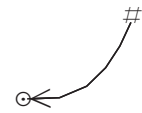
Type of Position Fixing : GPS/DGPS Others :
Type of Echo Sounder :

Name and Signature :

Ship's/Company's Stamp :



103°45'E



1°10'N

CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
				X		
69 & 70	12	61	GSP1/SP1			

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

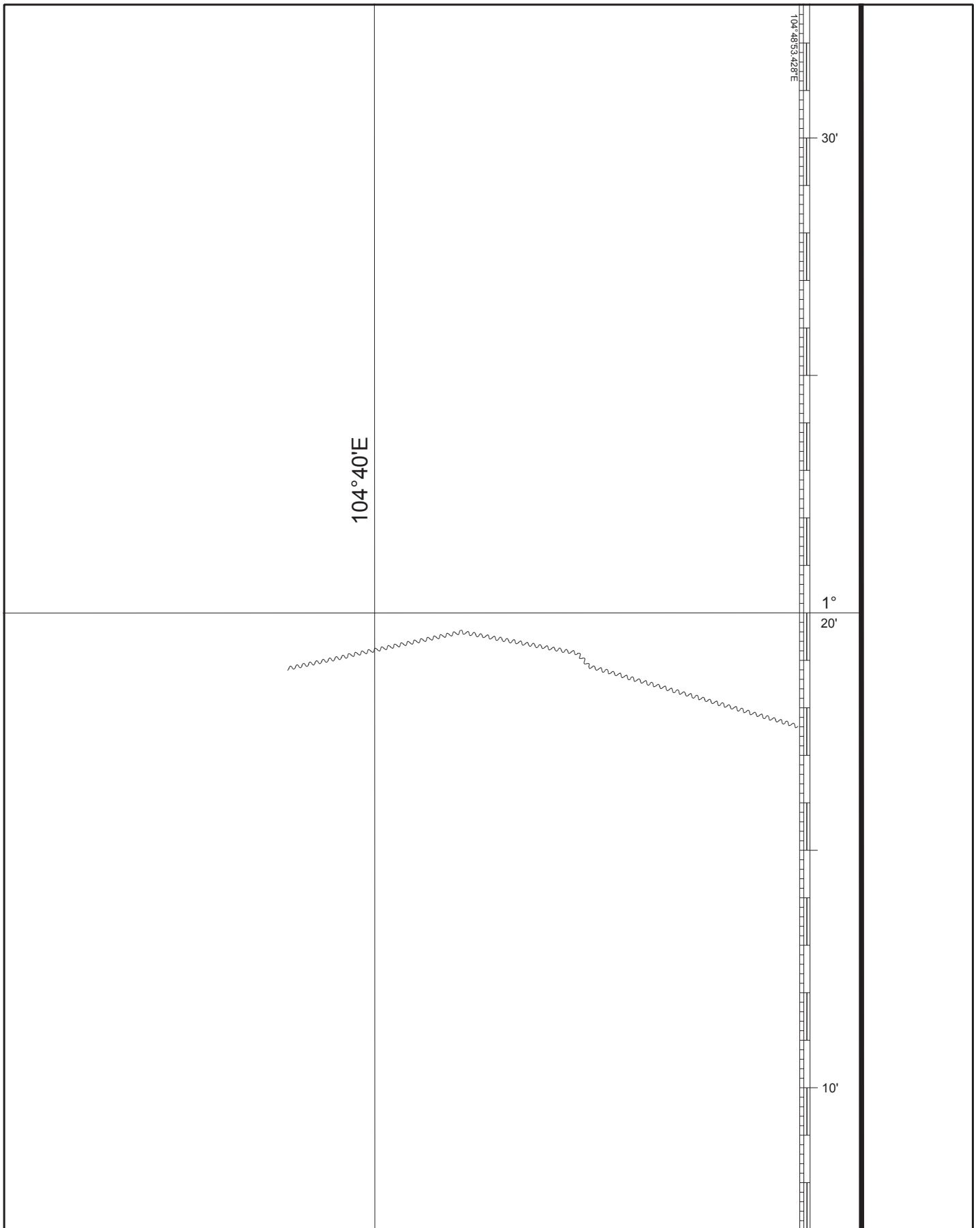
103°40'E



1°25'N

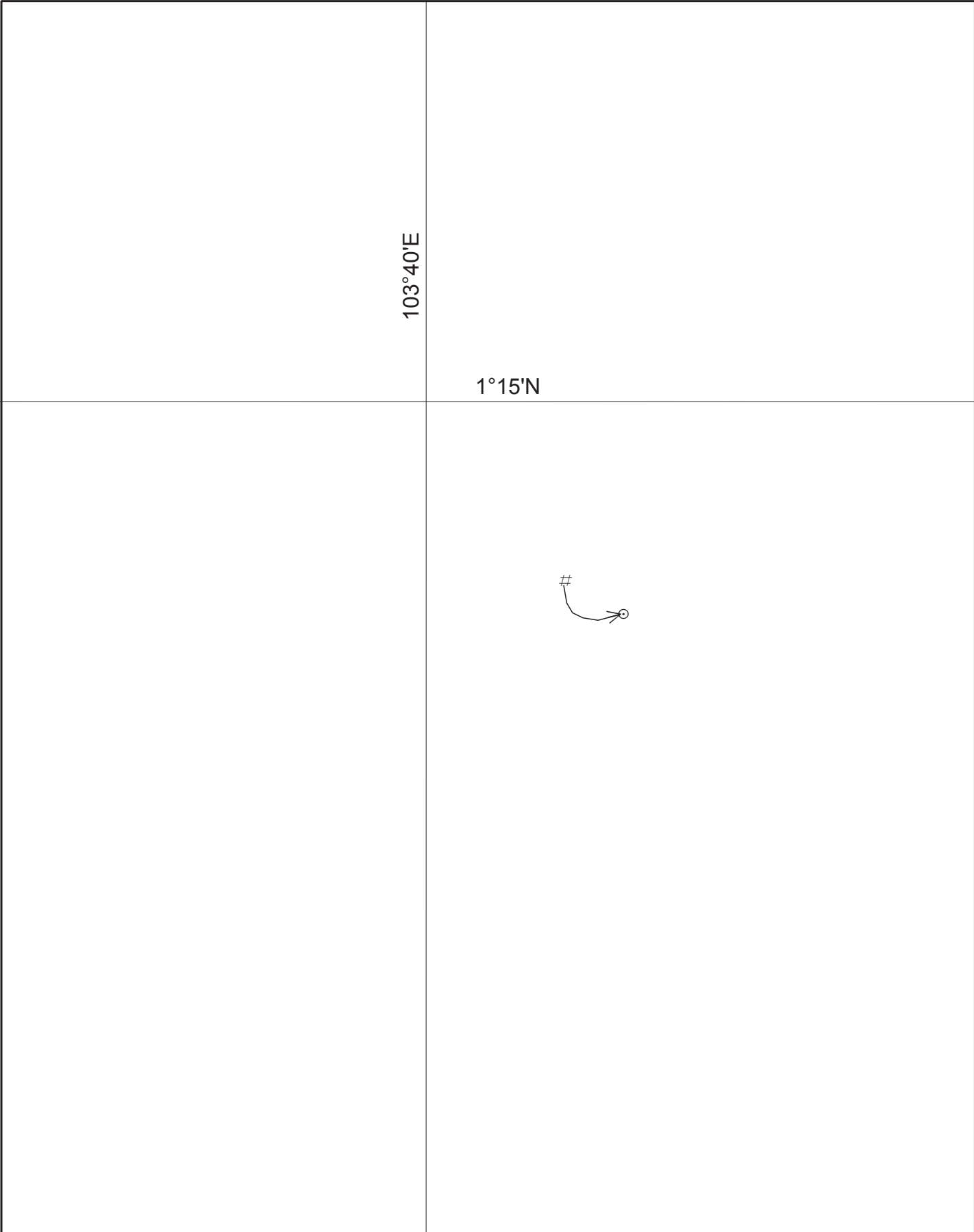
CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
				X		
71	12	70	GSP1/SP1			

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 NO.	CHART NO.	Location on Chart		
72	12	65	202			X

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



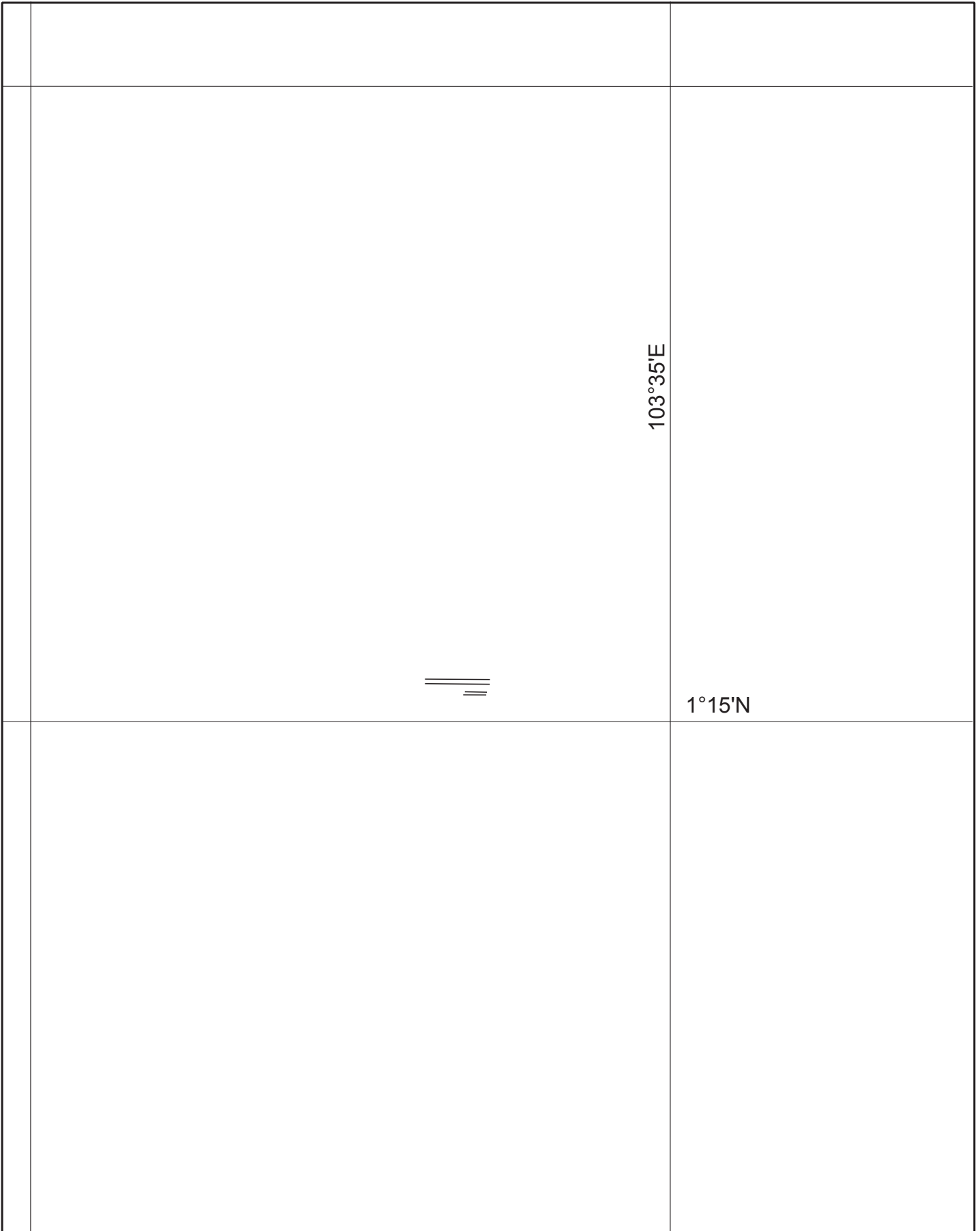
103°40'E

1°15'N



CORRECTION NO.	SNM EDN NO.	LAST CORRNO NO.	CHART NO.	Location on Chart		
69	12	35	500			X

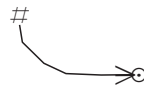
Caution : some computer printers might distort the tracings.
 Users are advised to check and, if necessary, adjust settings on the printer



CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
73	12	69	500			X

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


103°45'E



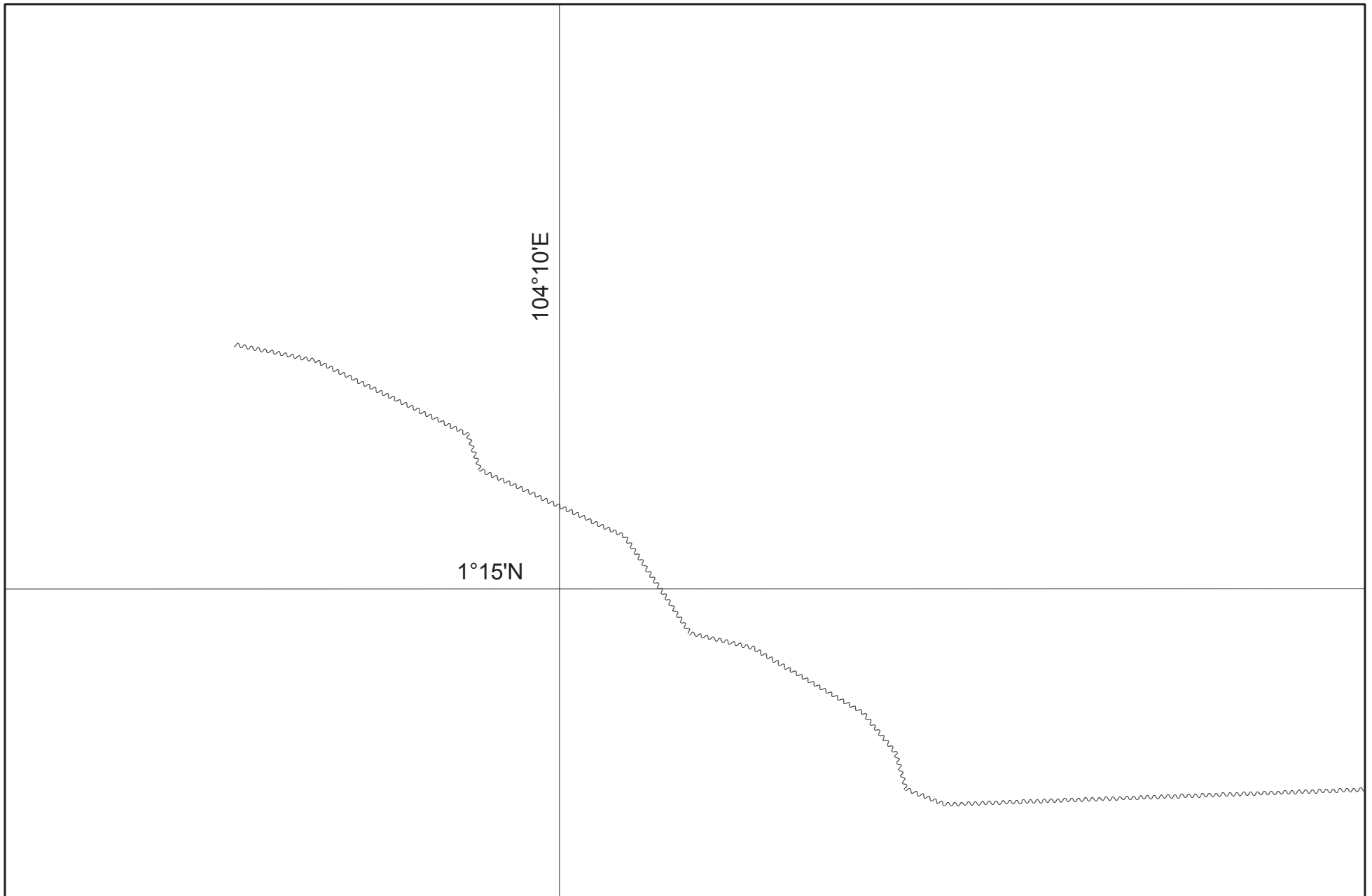
1°10'N

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
						X
70	12	64	501			

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

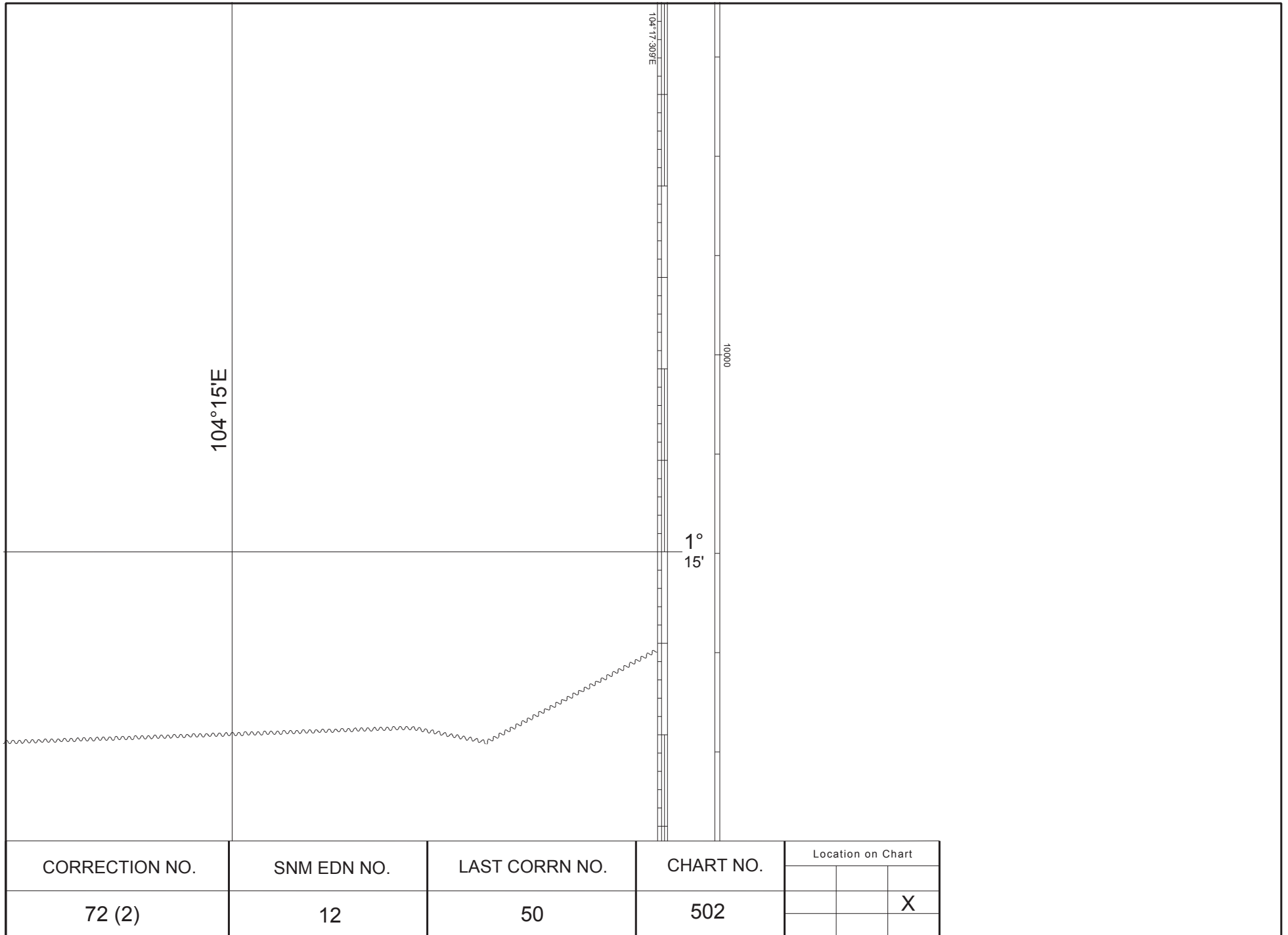
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <p>103° 35'</p> <p>1° 15'N</p> </div> </div>				
CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart
73	12	70	501	X

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		
72 (1)	12	50	502	X		

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

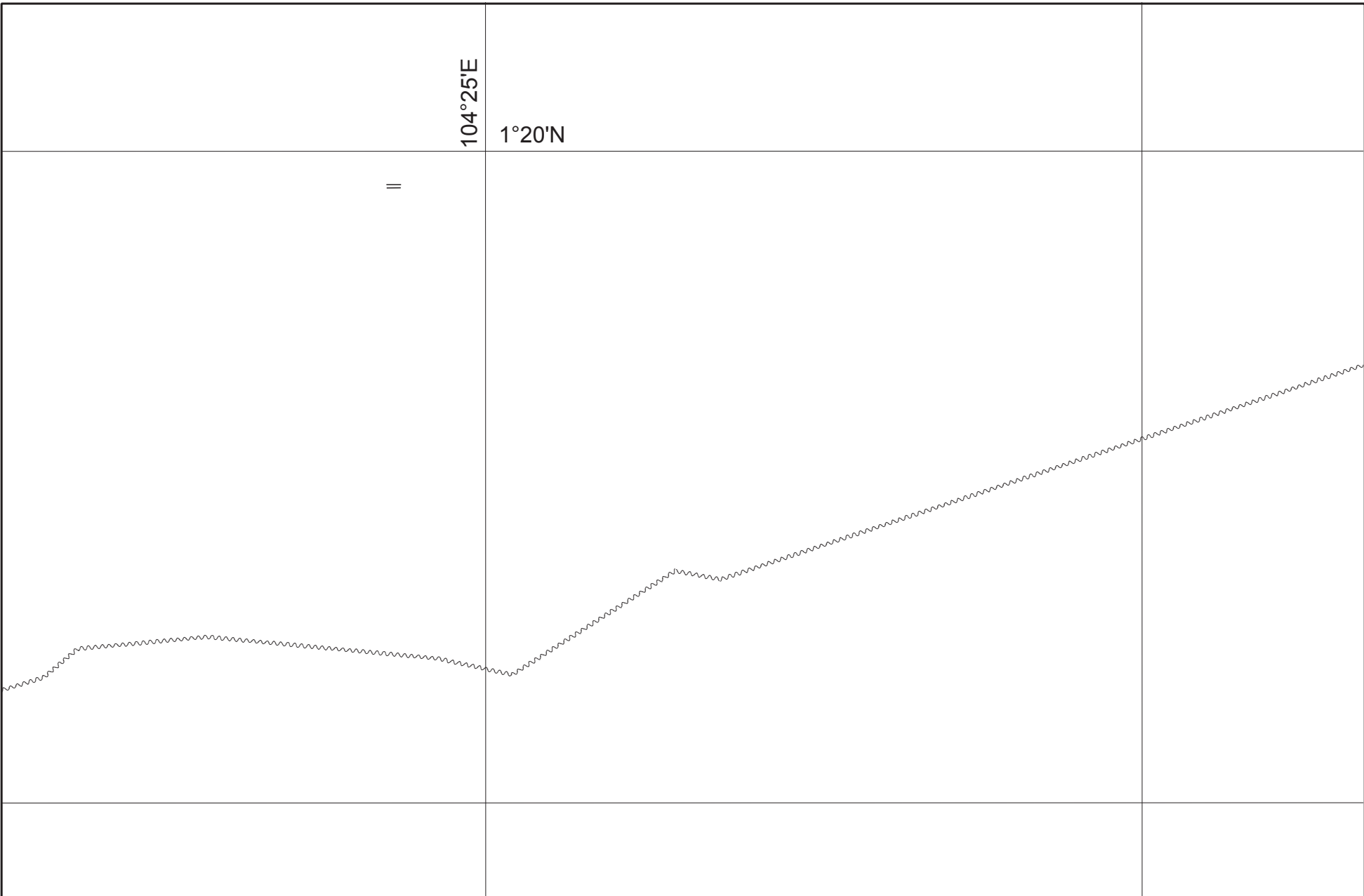


Caution : some computer printers might distort the tracings.
 Users are advised to check and, if necessary, adjust settings on the printer



CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
72 (1)	12	65	503	X		

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



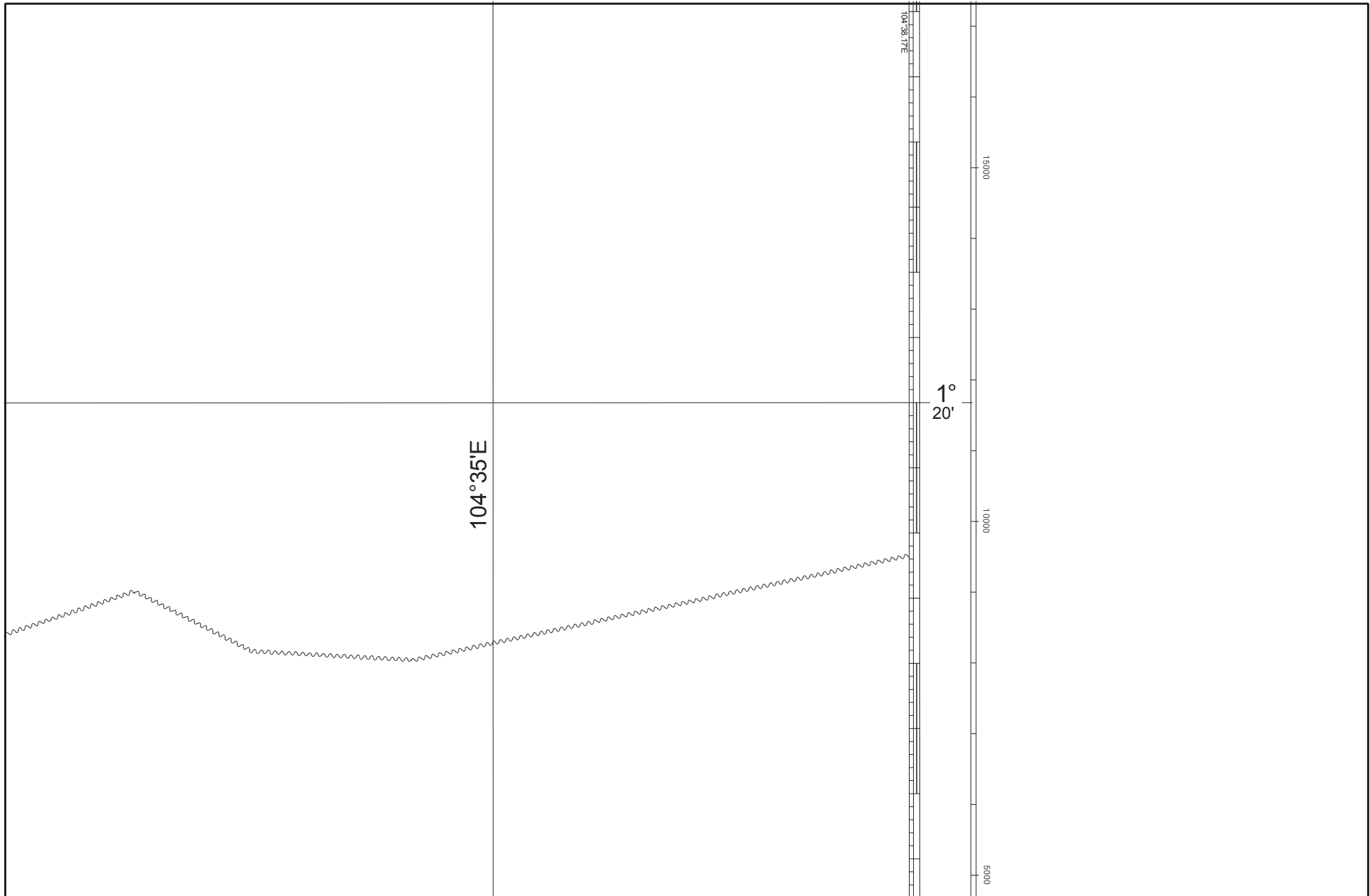
104°25'E

1°20'N

||

CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
72 (2) & 74	12	65	503		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 NO.	CHART NO.	Location on Chart		
72 (3)	12	65	503			X

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