



SINGAPOREAN NOTICES TO MARINERS

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The monthly Notices to Mariners contain information required to keep charts and publications published by the Hydrographic Division, Maritime and Port Authority of Singapore up-to-date.

Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, immediately of the discovery of new or suspected dangers to navigation, observed changes to aids to navigation and ways Singaporean Charts and Publications can be improved. The Hydrographic Note on the back page should be used for this purpose.

Detailed information of charts and publications (coverage of charts, latest editions and distributors) are available on the Maritime and Port Authority Website: www.mpa.gov.sg

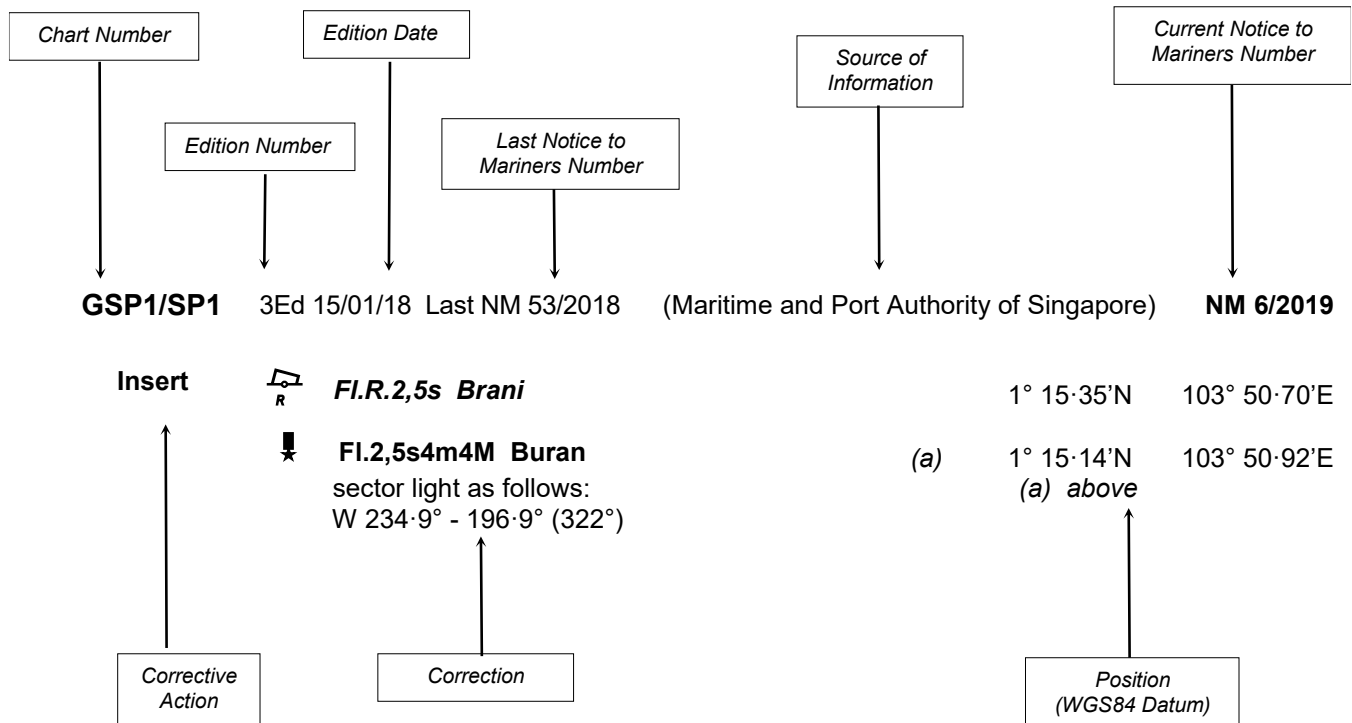
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



Notes:

a) Notice to Mariners number followed by:

T indicates a Temporary Notice (eg. **NM 9T/2019**).

P indicates a Preliminary Notice (eg. **NM 10P/2019**).

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.

I
AFFECTED CHARTS AND PUBLICATIONS

INDEX OF AFFECTED CHARTS

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Singaporean Chart 202	64, 65, 66, 67	3, 4
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Temporary and Preliminary Notices	*68T	5
Singapore Port Marine Notices/Circulars	*69	6
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*Source: Maritime and Port Authority of Singapore

I
AFFECTED CHARTS AND PUBLICATIONS




















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-		

*Source: Maritime and Port Authority of Singapore

II

NOTICES TO MARINERS AND CHART CORRECTIONS

GSP1/SP1	3 Ed 15/1/18	Last NM 40/2019	(Maritime and Port Authority of Singapore)	NM 60/2019
Insert	light, <i>Fl.R.2,5s</i> to buoy		1°18·84'N	103°36·88'E
			(Maritime and Port Authority of Singapore)	NM 61/2019
Delete	 <i>Fl.Y.4s</i>		1°15·54'N	103°37·67'E
Move	 <i>Fl.Y.4s</i>	from:	1°15·54'N	103°38·12'E
		to:	1°15·61'N	103°38·11'E
<hr/>				
200	4 Ed 1/9/15	Last NM 28/2019	(Admiralty Notice No. 21/2522/19)	NM 62/2019
Replace	 <i>Wk</i> with 		2°56·54'N	100°50·47'E
Insert			2°55·37'N	100°51·16'E
			(Admiralty Notice No. 19/2383/19)	NM 63/2019
Insert	 <i>Q(6)+LFl.15s</i>	(a)	2°49·38'N	100°56·07'E
Delete	 <i>Q(6)+LFL.15s13m12M</i>			close SE of (a) above
<hr/>				
201	6 Ed 15/9/17	Last NM 42/2019	(Royal Malaysian Navy Notice No. 2/54/2019)	NM 64/2019
Insert	 <i>Obstn</i>		1°25·50'N	103°06·42'E
	 <i>Obstn</i>		1°24·58'N	103°08·15'E
	 <i>Obstn</i>		1°24·17'N	103°08·83'E
	 <i>Obstn</i>		1°20·01'N	103°17·96'E
	 <i>Obstn</i>		1°20·14'N	103°18·06'E
	 <i>Obstn</i>		1°20·08'N	103°18·56'E
<hr/>				
202	8 Ed 15/9/16	Last NM 54/2019	(Royal Malaysian Navy Notice No. 2/54/2019)	NM 64/2019
Insert	 <i>Obstn</i>		1°25·50'N	103°06·42'E
	 <i>Obstn</i>		1°24·58'N	103°08·15'E
	 <i>Obstn</i>		1°24·17'N	103°08·83'E
	 <i>Obstn</i>		1°20·01'N	103°17·96'E
	 <i>Obstn</i>		1°20·14'N	103°18·06'E
	 <i>Obstn</i>		1°20·08'N	103°18·56'E

II

NOTICES TO MARINERS AND CHART CORRECTIONS

		(Admiralty Notice No. 20/2461/19)	NM 65/2019	
Insert	jetty, single firm line, joining:		1°04·83'N	104°12·90'E
			1°04·83'N	104°12·62'E
			1°04·88'N	104°12·59'E
			1°05·00'N	104°12·60'E
		(Indonesian notice no. 4/53T/2019)	NM 66/2019	
<i>Note:</i> Former Notice 35T/2019 is cancelled				
Insert	 <i>Mast</i> <i>Rep(2019)</i>		1°24·50'N	104°35·53'E
		(Indonesian notice no. 19/263/2019)	NM 67/2019	
Insert	 <i>Buoy</i>		1°24·44'N	104°35·33'E
<hr/>				
503	5 Ed 15/8/14	Last NM 54/2019 (Indonesian notice no. 4/53T/2019)	NM 66/2019	
<i>Note:</i> Former Notice 35T/2019 is cancelled				
Insert	 <i>Mast</i> <i>Rep(2019)</i>		1°24·50'N	104°35·53'E
		(Indonesian notice no. 19/263/2019)	NM 67/2019	
Insert	 <i>Buoy</i>		1°24·44'N	104°35·33'E
<hr/>				

II TEMPORARY AND PRELIMINARY NOTICES

(NM 68T/2019)**Salvage operations off Western Petroleum 'A' Anchorage**

Description : Salvage operations conducted on sunken vessel 'UWCON 3' at position Latitude 1°14'226"N Longitude 103°47'969"E has been completed.

Charts affected : Singaporean GSP1/SP1, 202, 501, Dual Badged 4035, 4040 and 4041

Source : Maritime and Port Authority of Singapore

Note: Former notice 55T/2019 is cancelled.

III NAVIGATIONAL INFORMATION

*(NM 69/2019)

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>

PMN No.**Subject**

40/2019

Dredging works off Sultan Shoal Lighthouse

PMC No.**Subject**

09/2019

Maritime and Port Authority of Singapore temporarily suspends Southernpec (Singapore) Pte Ltd's bunker craft operator licence

10/2019

Maritime and Port Authority of Singapore revokes Southernpec (Singapore) Pte Ltd's bunker craft licence

11/2019

Reception facilities for residues disposal arising from exhaust gas cleaning systems (scrubbers)

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 70/2019) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2018/2019”

CONTROLLING DEPTH OF NAVIGATIONAL CHANNELS AND FAIRWAYS

1. Page 109

Amend the following:

LOCATIONS		DEPTHS (m)	REMARKS
Approaches to VLCC Berths in Sinki Fairway		22·8	
Sinki Fairway	Selat Sinki (dredged channel)	18·2	Note : A high spot of 11·4m (rock) exists bearing 200 degree (T) x 611m from Pandan Beacon
	Selat Pandan	15	
East Jurong Channel	Deep water channel	16·5 (E Cyrene Buoy to Seraya Buoy)	Note: (High spot of 16·3m exists bearing 275 degree(T) x 188m from E Cyrene Buoy) (14·8m High Spot off Pusing Buoy)
Jong Fairway		16·6	Note : (High spot of 15·2m exists bearing 305 degree(T) x 421m from First Bukom Beacon)
Eastern Fairway		12·8	Note : A high spot of 12·7m exists bearing 129 degree (T) x 1219m from Approach Buoy
East Johor Strait - Sembawang Shipyard to Ordnance Reach		9·8	Note: A High spot of 7·3m exists bearing 238 degree (T) x 468m from Denman Shoal Buoy

CHARACTERISTICS OF AIDS TO NAVIGATION

WEST JOHOR STRAIT

2. Page 131

Amend the following:

Name of Beacon/ Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Kolek Buoy	01°18·840' 103°36·880'	Red can	Fl.R.2,5s	MPA

III AMENDMENTS TO PUBLICATIONS

TUAS VIEW EXTENSION

3. Page 132

Delete the following:

Name of Beacon/ Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
DDJV-MB-1 Mooring Buoy	01°14.456' 103°37.959'	Yellow can	Fl(4)Y.15s	DIAP-DAELIM Joint Venture
DDJV-MB-2 Mooring Buoy	01°14.457' 103°38.131'	Yellow can	Fl(4)Y.15s	DIAP-DAELIM Joint Venture

Amend the following:

Name of Beacon/ Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
F2-DDJV-1 Buoy	01°15.610' 103°37.384'	Yellow pillar with 'X' topmark	Fl.Y.4s	DIAP-DAELIM Joint Venture
F2-DDJV-2 Buoy	01°15.605' 103°38.110'	Yellow pillar with 'X' topmark	Fl.Y.4s	DIAP-DAELIM Joint Venture

PULAU TEKONG

4. Page 153

Amend the following:

Name of Beacon/ Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Calder Buoy	01°23.044' 104°05.159'	Red can	Fl.R.8s	HDEC

III AMENDMENTS TO PUBLICATIONS

PULAU TEKONG (Cont/)

5. Page 154

Amend the following:

Name of Beacon/ Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Nelayan Buoy	01°21·853' 104°02·817'	Green conical	Fl.G.4s	HDEC
Red Calder Buoy	01°21·750' 104°04·690'	Red can	Fl.R.4s	HDEC
South Nelayan Buoy	01°20·090' 104°05·009'	Double black cones topmark pointing downward on yellow black pillar	Q(6)W+LFIW.15s	HDEC
Tekong 1 Buoy	01°22·591' 104°01·949'	Green conical	Fl.G.4s	HDEC
Tekong 9 Buoy	01°21·074' 104°03·734'	Green conical	Fl.G.4s	HDEC
Tekong 10 Buoy	01°21·079' 104°04·776'	Red can	Fl.R.2s	HDEC
Tekong 11 Buoy	01°22·267' 104°04·876'	Red can	Fl.R.6s	HDEC
Tekong 21 Buoy	01°20·600' 104°04·290'	Green conical	Fl.G.2s	HDEC
Tekong 22 Buoy	01°23·661' 104°05·391'	Red can	Fl.R.10s	HDEC
Tekong 23 Buoy	01°24·376' 104°05·375'	Red can	Fl.R.2s	HDEC

*Source: Maritime and Port Authority of Singapore

IV

REPRINT OF MARITIME SAFETY INFORMATION

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

TT175

VESSELS IN EAST JOHOR STRAIT ARE ADVISED TO NAVIGATE WITH PARTICULAR ALERTNESS AND CAUTION WHEN NEAR THE PROJECT AREAS OFF PULAU TEKONG, CHANGI AND MALANG PAPAN AS SHALLOW WATER AREAS EXIST. VESSELS ARE REMINDED TO PROCEED AT A SAFE SPEED AND MAINTAIN A PROPER LOOK-OUT, PARTICULARLY FOR TUGS AND BARGES NAVIGATING NEAR THE PROJECT AREAS AND PASSENGER FERRIES CROSSING BETWEEN CHANGI AND PULAU TEKONG AND VICINITY OF PASIR GUDANG.

TT273

ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, COMPLY WITH THE COLREGS, MAINTAIN VHF RADIO WATCH AND LISTEN TO TRAFFIC INFORMATION WHEN NAVIGATING IN THE SINGAPORE STRAIT AND PORT WATERS. MARINERS ARE ALSO ADVISED TO KEEP A GOOD LOOKOUT OF FREQUENT FERRIES CROSSING THE SINGAPORE STRAIT.

TT363 (AMENDED ON 140821UTC APRIL 2019)

MARINERS ARE REMINDED NOT TO ANCHOR IN ALL AREAS IN THE TSS, INCLUDING PRECAUTIONARY AREAS OF THE STRAITS OF MALACCA AND SINGAPORE AS WELL AS BETWEEN THE LANDWARD LIMITS OF THE TSS AND APPROACHES TO THE PORTS. VESSELS ENTERING ANY PORT IN ANY LITTORAL STATES ARE TO ANCHOR IN THE ANCHORAGES DESIGNATED BY THE RESPECTIVE LITTORAL STATES. MARINERS ARE ALSO REMINDED THAT EVERY CARE SHOULD BE TAKEN TO AVOID ANCHORING IN THE VICINITY OF SUBMARINE CABLES OR PIPELINES.

TT399

VESSELS ARRIVING TO SINGAPORE OR TRANSITING THROUGH THE STRAIT ARE RECOMMENDED TO UPDATE THEIR DESTINATION ACCURATELY IN THE AIS TO ENHANCE SITUATIONAL AWARENESS FOR OTHER TRAFFIC IN THE VICINITY. EG: SG-PEBGB FOR PILOT EASTERN BOARDING GROUND BRAVO.

TT418

WEST BOUND DEEP DRAFT VESSELS AND VLCCS ARE REMINDED TO COMPLY WITH THE RULES OF VESSELS NAVIGATING THROUGH THE STRAITS OF MALACCA AND SINGAPORE(SOMS). THEY SHALL ALLOW FOR AN UKC OF AT LEAST 3.5 METRES AT ALL TIMES DURING THE ENTIRE PASSAGE THROUGH THE SOMS AND AS FAR AS IT IS SAFE & PRACTICABLE, PROCEED AT A SPEED OF NOT MORE THAN 12 KTS OVER THE GROUND IN THE WESTBOUND LANE OF THE SINGAPORE STRAIT (BETWEEN SOUTH OF ST JOHN'S ISLAND & RAFFLES LIGHTHOUSE).

THEY ARE ADVISED TO BROADCAST, 8 HOURS BEFORE ENTERING THE TSS, NAVIGATIONAL INFORMATION GIVING NAME, DEADWEIGHT, DRAUGHT, SPEED AND TIMES OF PASSING HORSBURGH LIGHTHOUSE AND RAFFLES LIGHTHOUSE.

TT426

ALL MARINERS ARE REMINDED TO NAVIGATE WITH CAUTION IN THE PRECAUTIONARY AREAS AND TSS, MAINTAIN A GOOD LOOKOUT FOR CROSSING TRAFFIC. VESSELS INTENDING TO CROSS THE TSS SHALL DO SO ONLY WHEN IT IS SAFE AND SHALL AT ALL TIMES COMPLY WITH THE COLREGS.

TT430(AMENDED ON 090050UTC APRIL 2019)

THE FOLLOWING ATONS AIS ARE TEMPORARILY REMOVED FOR UPGRADING.

ATONS WITH AIS TEMPORARILY REMOVED FOR UPGRADING:

1. ANGLER BUOY
2. RASU BUOY

MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION

TT440

A NUMBER OF UNKNOWN VESSELS ARE OBSERVED ANCHORED IN THE TSS/PRECAUTIONARY AREA SOUTH OF TG. RAMUNIA AT APPROXIMATE POSITION 01°17.91'N, 104°14.92'E.

ALL VESSELS ARE ADVISED TO KEEP A GOOD LOOK OUT AND PROCEED WITH CAUTION WHEN PASSING THIS AREA IN THE SINGAPORE STRAIT.

TT514 (AMENDED ON 061400UTC MAY 2019)

DAMAGED AND CAPSIZED VESSEL 'STAR CENTURION' AT APPROXIMATE POSITION LAT 01°24.4'N LONG 104°35.3'E. ALL PASSING VESSELS ARE ADVISED TO KEEP WELL CLEAR AND NAVIGATE WITH CAUTION.

TT521

A SUNKEN VESSEL WAS LOCATED AT 01°20.03'N 104°21.41'E. THE LEAST DEPTH IS 41.0 METRES BELOW CHART DATUM.

TT527

RACON DELTA RADAR SIGNAL TRANSMISSION IN POSITION LAT 01°03.60'N LONG 103°38.85'E IS REPORTED NOT WORKING. ALL VESSELS ARE ADVISED TO NAVIGATE WITH EXTRA CAUTION.

IV
REPRINT OF MARITIME SAFETY INFORMATION

TT541 (AMENDED 21/0900Z)

CABLE VESSEL 'ASEAN PROTECTOR' IS CARRYING OUT CABLE LAYING PREPARATION WORKS IN THE TSS AND PRECAUTIONARY AREA OF SECTOR 7 (VTIS WEST) OF THE SINGAPORE STRAIT FROM 21 MAY 2019 TO 30 MAY 2019. VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

TT961

VESSELS INTENDING TO CROSS THE TRAFFIC SEPARATION SCHEME (TSS) OR PRECAUTIONARY AREAS IN THE SINGAPORE STRAIT DURING THE HOURS OF DARKNESS ARE RECOMMENDED TO DISPLAY THE NIGHT SIGNALS CONSISTING OF 3 ALL ROUND GREEN LIGHTS IN A VERTICAL LINE AS DETAILED IN THE MARITIME AND PORT AUTHORITY OF SINGAPORE'S PORT MARINE CIRCULAR, 04 OF 2013 DATED 7 MAY 2013.

SR123 (AMENDED 170105UTC APRIL 2019)

ALL VESSELS ARE ADVISED TO MAINTAIN A CONSTANT VISUAL AND RADAR WATCH FOR SMALL CRAFT AND REPORT ANY SUSPICIOUS ACTIVITIES IN THE SINGAPORE STRAIT TO VTIS SINGAPORE.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 30th May 2019)

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>

2586 SINGAPORE - Buoyage.

Source: Maritime and Port Authority of Singapore

Chart 4030 [*previous update 1071/19*] WGS84 DATUM

Insert	 Fl.Y.3s ADCP3TSS8	1° 14.379'N, 103° 38.960'E
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Delete	 Fl.Y.2s ADCP3TSS8	1° 14.385'N, 103° 38.835'E
--------	-----------------------------------------------------------------------------------------------------	----------------------------

Chart 4031 [*previous update 1932/19*] WGS84 DATUM

Insert	 Fl.Y.3s ADCP3TSS8	1° 14.379'N, 103° 38.960'E
--------	-----------------------------------------------------------------------------------------------------	----------------------------

Delete	 Fl.Y.2s ADCP3TSS8	1° 14.385'N, 103° 38.835'E
--------	-----------------------------------------------------------------------------------------------------	----------------------------

2588 SINGAPORE - Depths.

Source: Maritime and Port Authority of Singapore

Chart 4042 [*previous update 1880/19*] WGS84 DATUM

Insert	depth, 23 ₂	(a) 1° 17.39'N, 104° 06.65'E
--------	------------------------	------------------------------

Delete	depth, 24 ₁ , close N of :	(a) above
--------	---------------------------------------	-----------

Insert	depth, 23 ₉	(b) 1° 17.53'N, 104° 06.79'E
--------	------------------------	------------------------------

Delete	depth, 24 ₂ , close S of :	(b) above
--------	---------------------------------------	-----------

Replace	depth, 25 ₆ , with depth, 24 ₉	1° 17.18'N, 104° 05.16'E
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Chart 4043 [*previous update 1880/19*] WGS84 DATUM

Insert	depth, 11 ₈	(a) 1° 20.00'N, 104° 03.16'E
--------	------------------------	------------------------------

Delete	depth, 12 ₁ , close SE of :	(a) above
--------	----------------------------------------	-----------

Insert	depth, 23 ₂	(b) 1° 17.39'N, 104° 06.65'E
--------	------------------------	------------------------------

Delete	depth, 24 ₁ , close N of :	(b) above
--------	---------------------------------------	-----------

Insert	depth, 23 ₉	(c) 1° 17.53'N, 104° 06.79'E
--------	------------------------	------------------------------

Delete	depth, 24 ₂ , close S of :	(c) above
--------	---------------------------------------	-----------

Replace	depth, 25 ₆ , with depth, 24 ₉	1° 17.18'N, 104° 05.16'E
---------	------------------------------------------------------	--------------------------

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 4044 [*previous update 874/19*] WGS84 DATUM

Insert depth, *11*₈ (a) 1° 20·00'N, 104° 03·16'E

Delete depth, *12*, close SE of : (a) above

2598 SINGAPORE - NM Block.

Source: Maritime and Port Authority of Singapore

Chart 4037 [*previous update New Edition 20/09/2018*] WGS84 DATUM

Insert the accompanying block, centred on: 1° 15·3'N, 103° 51·0'E

Chart 4040 [*previous update 1978/19*] WGS84 DATUM

Insert the accompanying block, centred on: 1° 15·4'N, 103° 51·1'E

Chart 4041 [*previous update 1910/19*] WGS84 DATUM

Insert the accompanying block, centred on: 1° 15·3'N, 103° 51·0'E

2612(T)/19 SINGAPORE - Buoy. Light-beacon.

Source: Maritime and Port Authority of Singapore

1. The Outer Shoal light-beacon, in position 1° 15·008'N, 103° 51·803'E, has been damaged. The light has been amended to Q.Y.
2. A green conical light-buoy, *Fl.G.5s*, has been established, until further notice, in position 1° 15·016'N, 103° 51·777'E.
3. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Charts affected - 4037 - 4040 - 4041

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>

2616(P)/19 SINGAPORE - Submarine cable.

Source: Maritime and Port Authority of Singapore

1. The Indigo submarine cable has been laid, joining the following positions:

1° 20' 34"N, 103° 38' 05"E
 1° 20' 36"N, 103° 37' 88"E
 1° 20' 27"N, 103° 37' 79"E
 1° 19' 14"N, 103° 37' 11"E.
 1° 18' 84"N, 103° 36' 97"E.
 1° 17' 82"N, 103° 36' 62"E.
 1° 15' 80"N, 103° 36' 08"E.
 1° 14' 93"N, 103° 36' 02"E.
 1° 10' 12"N, 103° 35' 04"E.
 1° 09' 93"N, 103° 34' 86"E.
 1° 09' 94"N, 103° 34' 28"E.
 1° 07' 06"N, 103° 32' 22"E.
 1° 06' 66"N, 103° 32' 09"E.
 1° 05' 92"N, 103° 32' 38"E.
 1° 03' 47"N, 103° 32' 78"E.
 1° 02' 14"N, 103° 33' 32"E.
 0° 57' 38"N, 103° 33' 70"E.
 0° 56' 36"N, 103° 34' 05"E.
 0° 54' 97"N, 103° 34' 11"E.
 0° 50' 94"N, 103° 35' 18"E.
 0° 43' 77"N, 103° 36' 20"E.
 0° 40' 74"N, 103° 38' 79"E.
 0° 40' 22"N, 103° 42' 56"E.
 0° 40' 00"N, 103° 43' 20"E.

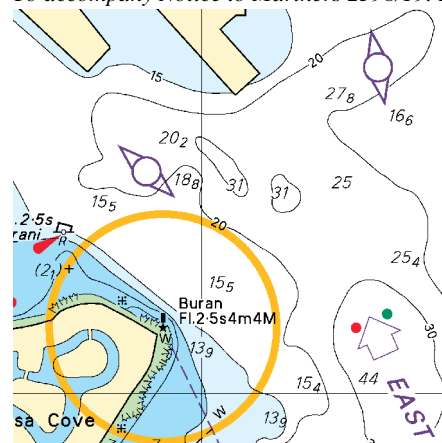
2. Charts will be updated when full details are available.
 (WGS84 DATUM)

Charts affected - 4038 - 4039 - 4040

Update to Admiralty Notices to Mariners No. 21 of 2019 dated 23rd May 2019

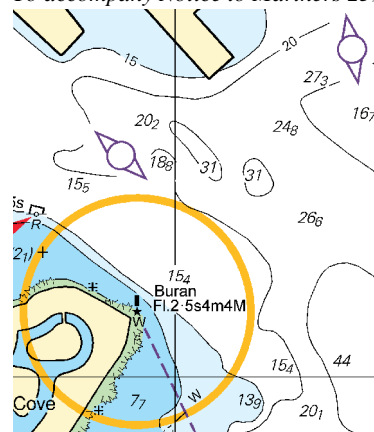
Block for Chart No 4037

To accompany Notice to Mariners 2598/19. Image Size (mm) 57.7 by 57.4



Block for Chart No 4040

To accompany Notice to Mariners 2598/19. Image Size (mm) 56.3 by 48.4



Block for Chart No 4041

HYDROGRAPHIC NOTE - Instructions

1. Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, when new or suspected dangers to navigation are discovered, changes are observed in aids to navigation or where corrections to nautical publications may be necessary. Reports, which cannot be confirmed or are lacking in certain details should not be withheld.
2. Any ambiguities of time, positioning and depth should be stressed and any firm expectation of being able to check the information provided on a following voyage should be mentioned.
3. Mariners using satellite position fixing systems, eg. GPS, should provide details of equipment and datum used (where applicable). Where bearings (true or magnetic) are taken visually or by radar to fix a position, it should include more than two objects in order to provide a check on its accuracy. A position may also be defined by bearing and distance from a conspicuous object eg. beacon, lighthouse etc.
4. The note should include a tracing or a digital image of the chart used and the details should be clearly marked.
5. Echo sounders frequently register greater depths than the advertised maximum depth for the equipment, eg. a trace appearing at 50 metres may be in fact be 550 metres or even 1050 metres for equipment whose maximum depth is 500 metres. Erroneous depths caused by 2nd transmission error can usually be recognised by the following:
 - (a) the tracing being weaker than normal for the depth registered,
 - (b) the trace appearing to pass through the transmission line,
 - (c) the feathery nature of the trace.
6. Upon receipt of a hydrographic note, a Notice to Mariners may be issued. The sender's vessel or name is quoted as the source unless the same information is also received in foreign Notices to Mariners.
7. Reports of shoals, uncharted dangers and defects in aids to navigation may also be made to the appropriate Singapore Port Operations Control Centre on VHF Channels 10, 12, 14, 68 or 73.

HYDROGRAPHIC NOTE

To:

Chief Hydrographer
Maritime and Port Authority of Singapore
7B Keppel Road #20-00 Tanjong Pagar Complex
Singapore 089055

Tel : (65) 6325 2027
Fax : (65) 6226 1076
Email : hydrographic@mpa.gov.sg

Sender's Contact Details :

Date :

Name of Vessel :

Address of Sender :

Tel : Fax :

Email :

Nature of Observation :

General Location :

Subject :

Position : Lat. Long.

Charts Used :

Date & Time of Observation :

Details :

.....

.....

Attachment :

Equipment Used :


Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :


Name and Signature :

Ship's/Company's Stamp :


Insert
Fl.R.2.5s



Delete



Move



1°15'N

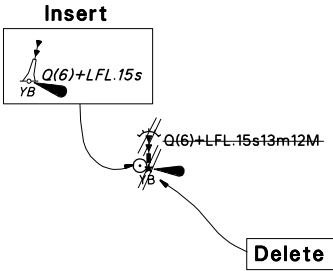
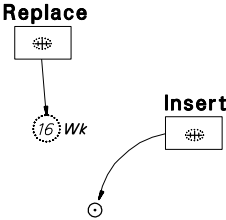
103°40'E

CORRECTION NO.	SNM EDN NO.	LAST CORRNO NO.	CHART NO.	Location on Chart		
60, 61	6/2019	40/2019	GSP1/SP1			
				X		

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

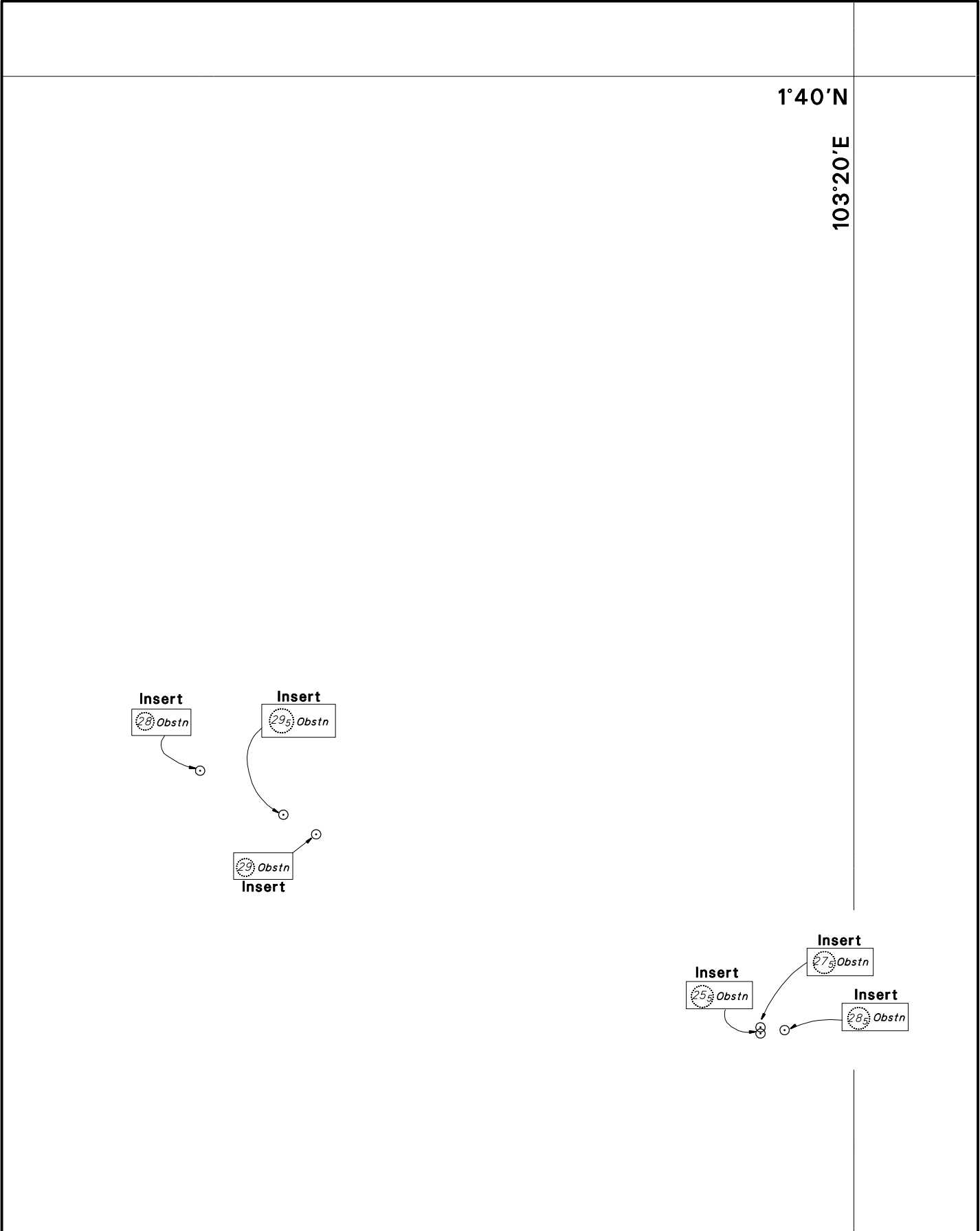
3°00'N

101°00'E



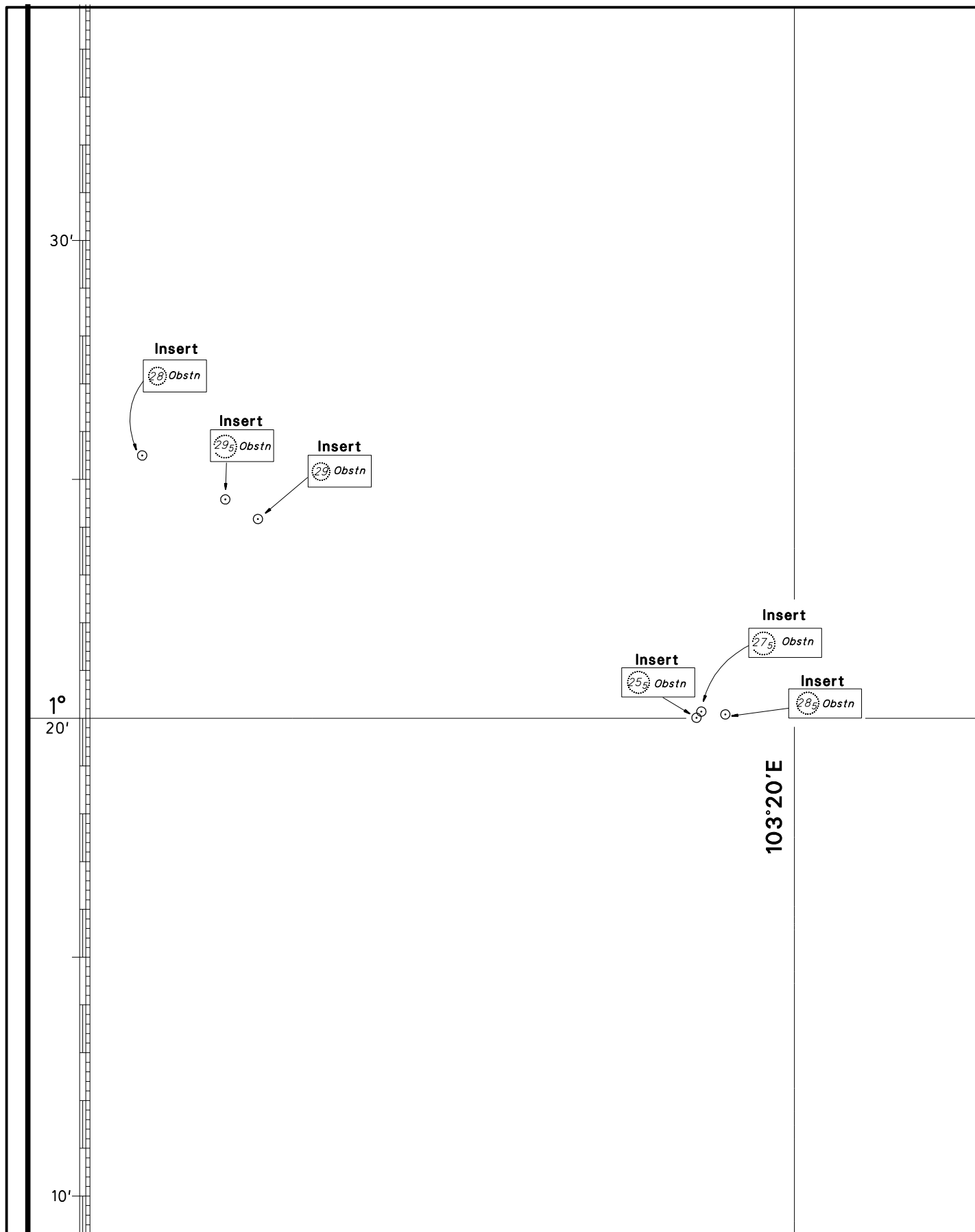
CORRECTION NO.	SNM EDN NO.	LAST CORRNO NO.	CHART NO.	Location on Chart		
				X		
62, 63	6/2019	28/2019	200			

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



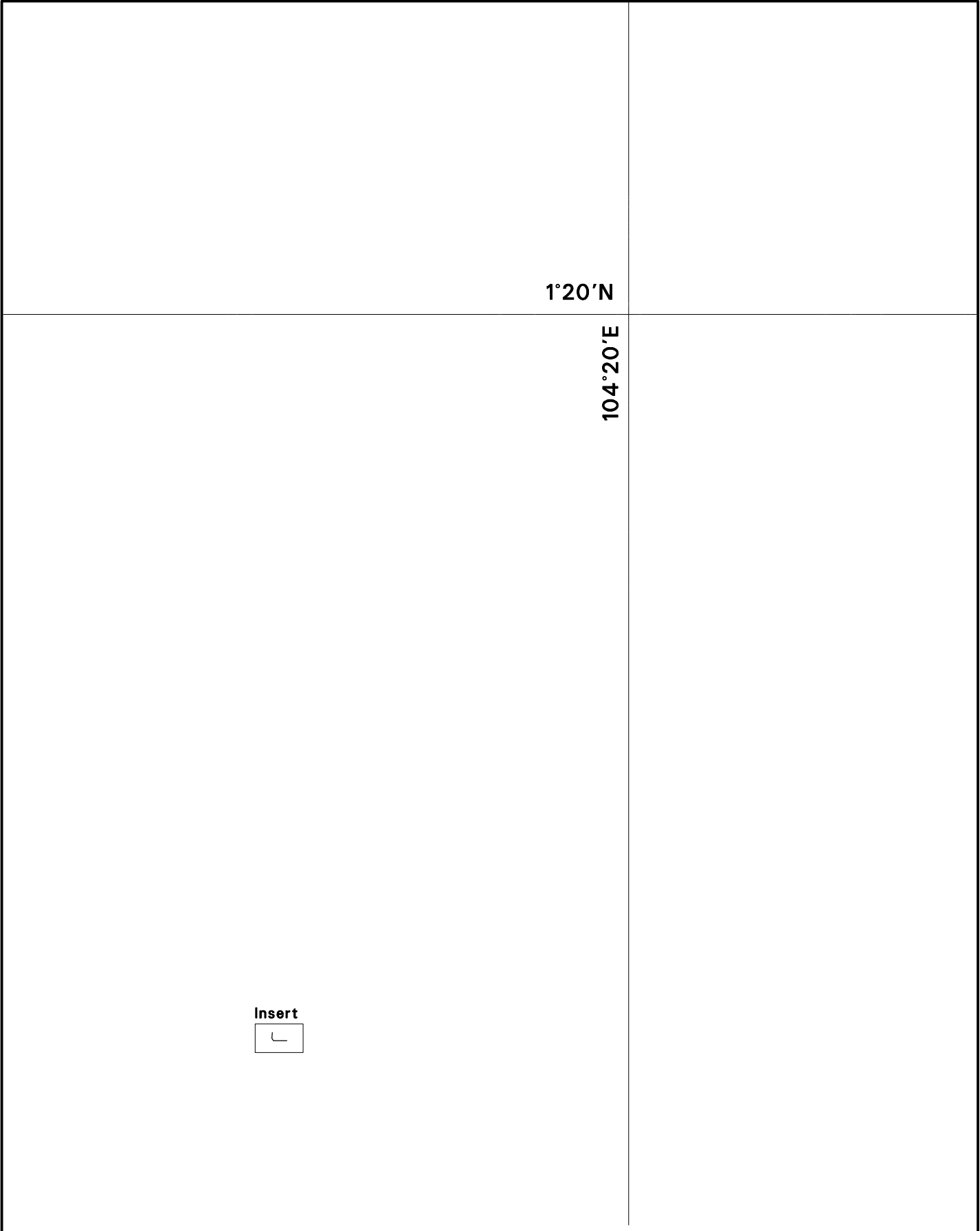
CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
64	6/2019	42/2019	201			
						X

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



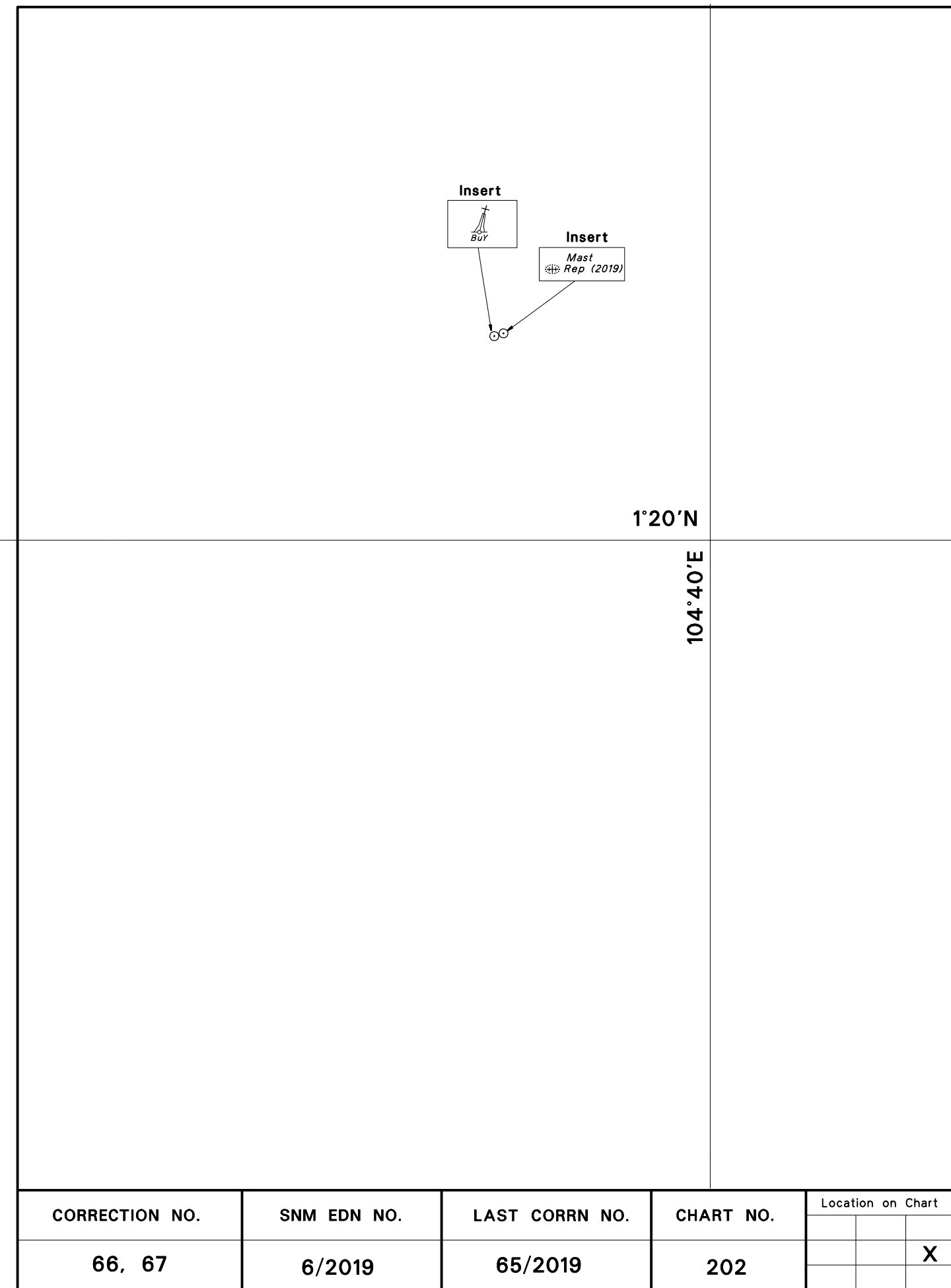
CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
64	6/2019	54/2019	202	X		

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

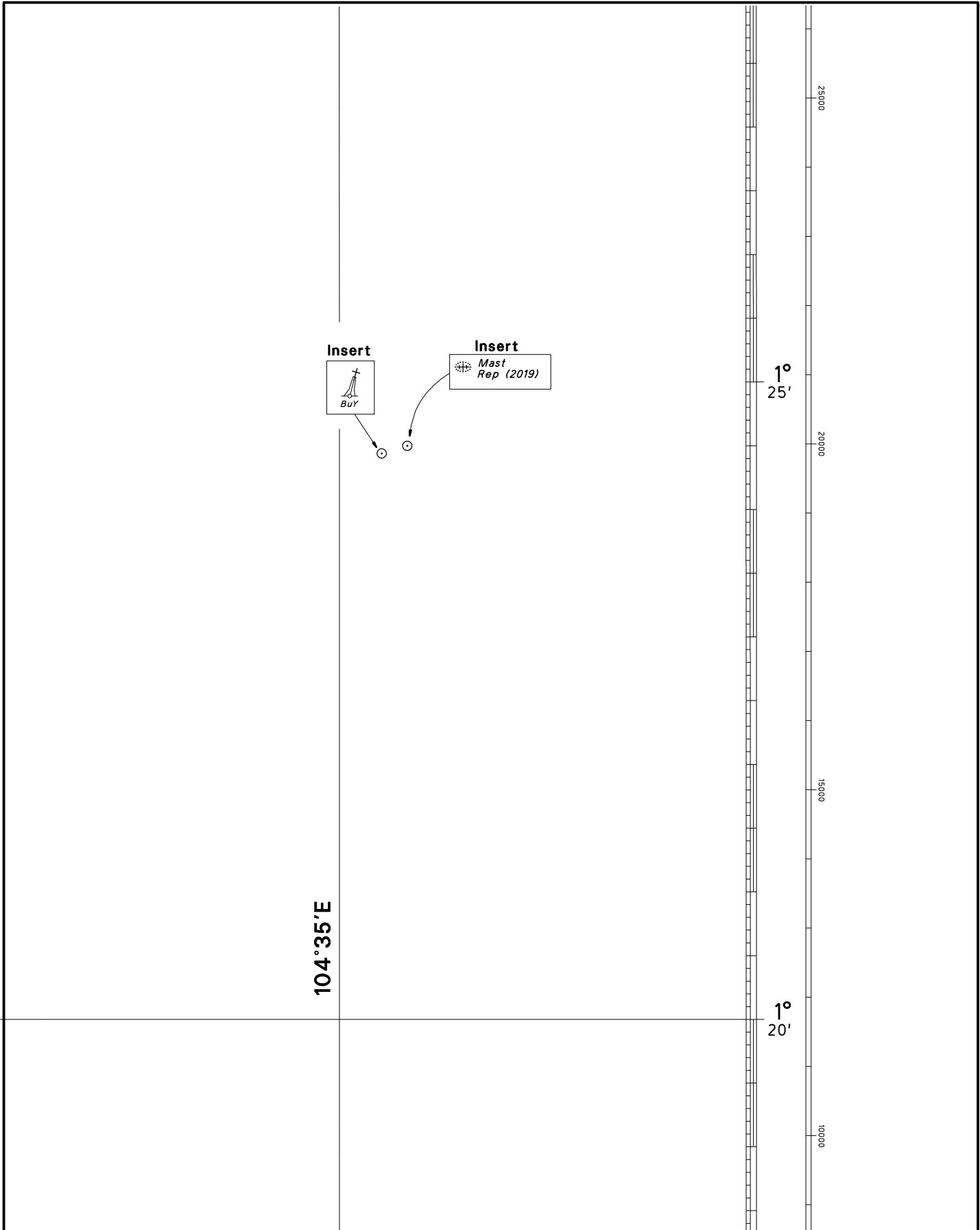


CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
65	6/2019	64/2019	202			X

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



CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
						X

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