



SINGAPOREAN NOTICES TO MARINERS

SECTION	CONTENT	Page
I	Affected Charts & Publications	1
II	Notices to Mariners and Chart Corrections	3
	Temporary and Preliminary Notices	6
III	Navigational Information	13
	Amendments to Publications	14
IV	Reprint of Maritime Safety Information	17
V	Extract of Admiralty Notices to Mariners for Dual-Badged Charts	19

The monthly Notices to Mariners contain information required to keep charts and publications published by the Hydrographic Department, 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

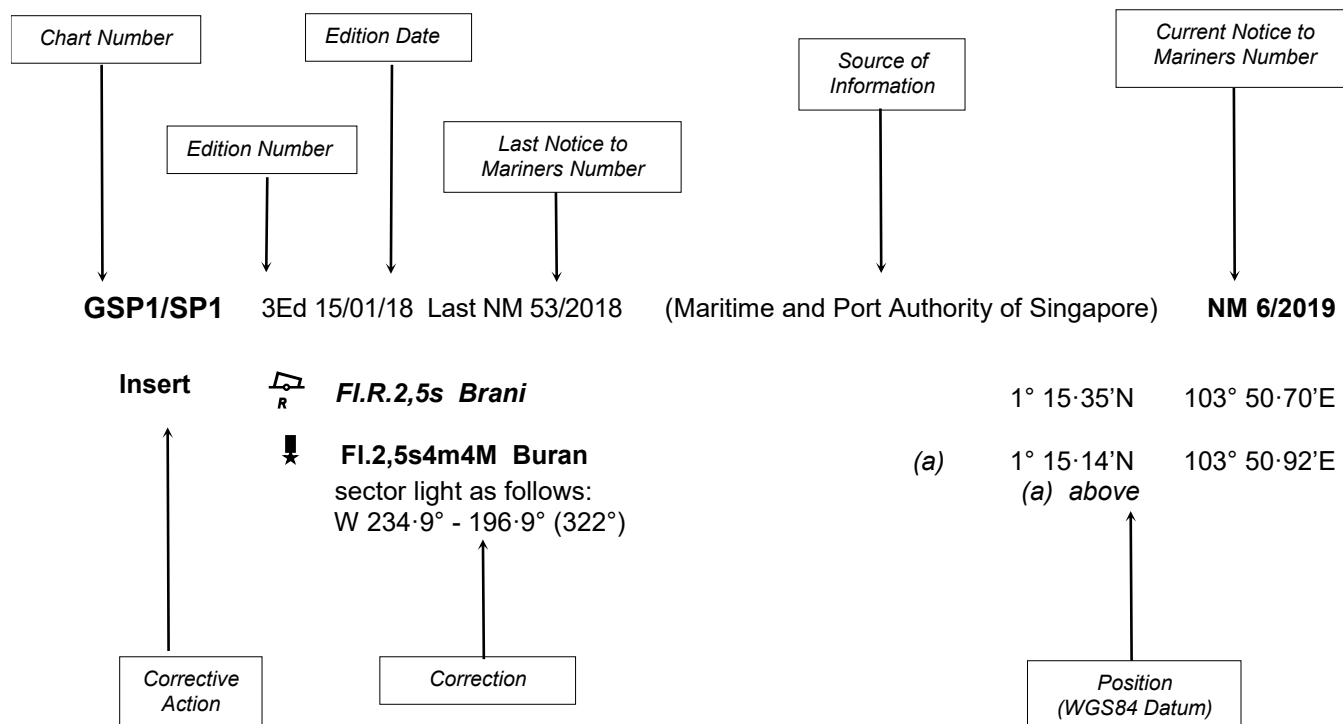
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

Contact information:

Hydrographic Department
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

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

DESCRIPTION	NOTICE NO.	PAGE NO.
Singaporean Chart GSP1/SP1	*23, *24, *25, *26, 27	3
Singaporean Chart 200	28	3
Singaporean Chart 201	29	4
Singaporean Chart 202	29, *30, 31, 32	4
Singaporean Chart 500	29, *30, *33	4, 5
Singaporean Chart 501	*26, *30, *33	5
Singaporean Chart 502	*25, 27, *34	5
Singaporean Chart 503	31	5
Temporary and Preliminary Notices	35T, 36T	6 - 12
Singapore Port Marine Notices/Circulars	*37	13
Amendments to Publications	*38	14 - 16
Reprint of Maritime Safety Information	-	17, 18
Extract of Admiralty Notices to Mariners for Dual-Badged Charts	-	19 - 21

*Source: Maritime and Port Authority of Singapore

I
AFFECTED CHARTS AND PUBLICATIONS

INDEX OF NOTICES

NOTICE NO.	DESCRIPTION	PAGE NO.
*23, *24, *25, *26, 27	Singaporean Chart GSP1/SP1	3
28	Singaporean Chart 200	3
29	Singaporean Chart 201	4
29, *30, 31, 32	Singaporean Chart 202	4
29, *30, *33	Singaporean Chart 500	4, 5
*26, *30, *33	Singaporean Chart 501	5
*25, 27, *34	Singaporean Chart 502	5
31	Singaporean Chart 503	5
35T, 36T	Temporary and Preliminary Notices	6 - 12
*37	Singapore Port Marine Notices/Circulars	13
*38	Amendments to Publications	14 - 16
-	Reprint of Maritime Safety Information	17, 18
-	Extract of Admiralty Notices to Mariners for Dual-Badged Charts	19 - 21

*Source: Maritime and Port Authority of Singapore

II

NOTICES TO MARINERS AND CHART CORRECTIONS

GSP1/SP1	3 Ed 15/1/18 Last NM 14/2019	(Maritime and Port Authority of Singapore)	NM 23/2019
Delete	former limit of working area, pecked line, joining:	1°17·50'N 1°17·44'N	103°36·62'E 103°36·86'E
Insert	limit of working area, pecked line, joining:	1°17·50'N 1°16·92'N 1°16·91'N 1°17·06'N 1°17·11'N 1°17·44'N	103°36·62'E 103°36·47'E 103°36·56'E 103°36·72'E 103°36·77'E 103°36·86'E
Insert	 Fl. Y. 2s HD-TWC6	1°16·92'N	103°36·47'E
Move	 Fl. Y. 2s HD-TWC9 from:	1°17·44'N	103°36·86'E
	to:	1°17·06'N	103°36·72'E
	 Fl. Y. 2s HD-TWC5 from:	1°18·35'N	103°36·87'E
	to:	1°18·09'N	103°36·79'E
	(Maritime and Port Authority of Singapore)		NM 24/2019
Insert	 Obstn	1°12·82'N	103°43·58'E
	(Maritime and Port Authority of Singapore)		NM 25/2019
Insert	 Obstn	1°19·78'N	104°03·50'E
	(Maritime and Port Authority of Singapore)		NM 26/2019
Insert	the accompanying block A, centered on:	1°10·89'N	103°46·00'E
	(Admiralty Notice No. 02/234/19)		NM 27/2019
Insert	the accompanying block B, centered on:	1°20·06'N	104°06·99'E
200	4 Ed 1/9/15 Last NM 15/2019	(RMN Notice no. 1/32/2019)	NM 28/2019
Delete	submarine cable, ~~~~ , joining:	2°53·19'N 2°52·49'N	101°12·42'E 101°16·30'E
Insert	submarine cable, ~~~~ , joining:	2°53·19'N 2°52·27'N 2°51·23'N 2°50·27'N 2°49·92'N 2°50·30'N 2°50·34'N 2°51·76'N 2°52·48'N	101°12·42'E 101°12·73'E 101°12·95'E 101°13·92'E 101°15·34'E 101°15·78'E 101°15·83'E 101°16·14'E 101°16·30'E

II

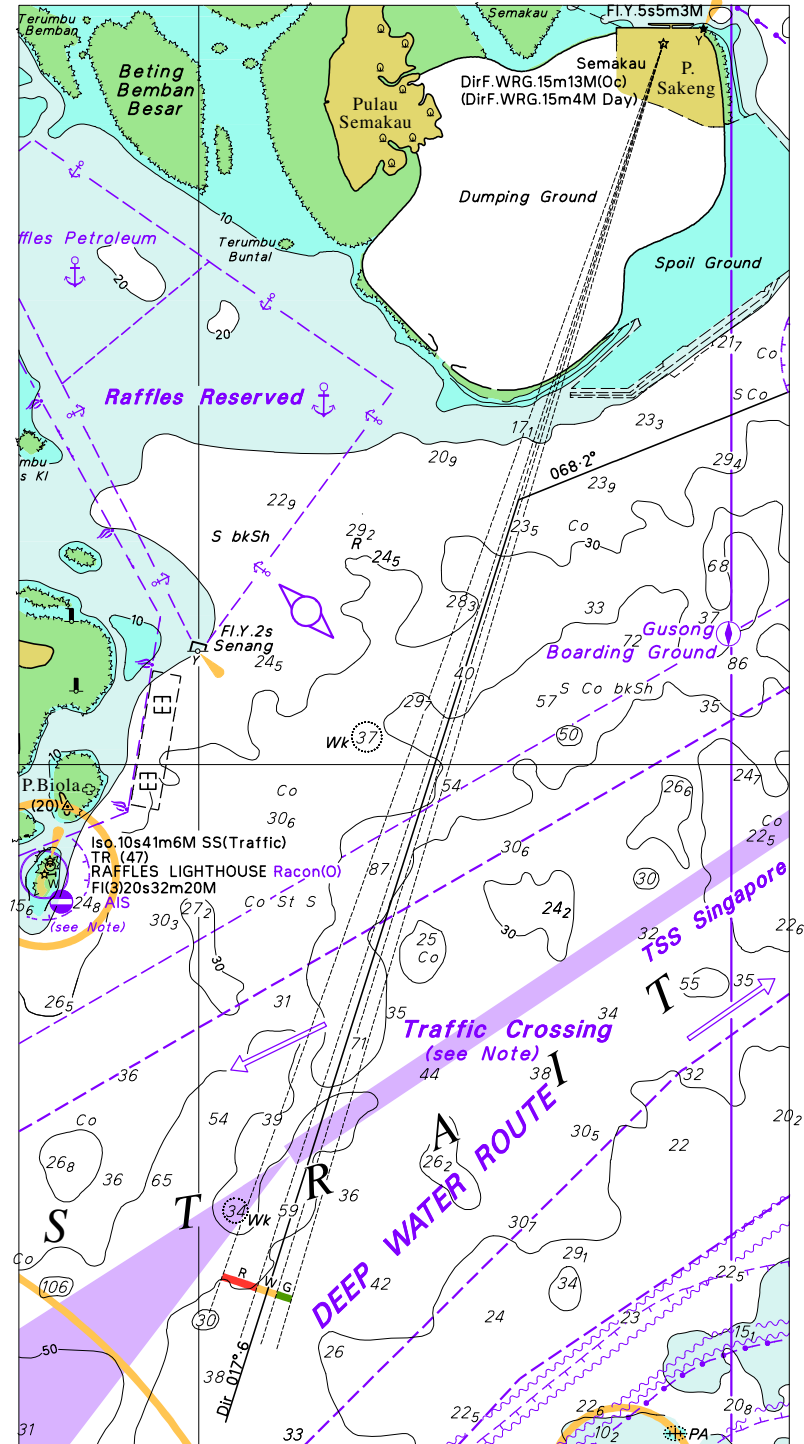
NOTICES TO MARINERS AND CHART CORRECTIONS

201	6 Ed 15/9/17 Last NM 16/2019	(RMN Notice no. 1/30/2019)		NM 29/2019
Replace	 <i>Wk</i> , with  <i>Wk</i>		1°23·65'N	103°12·29'E
	 <i>Wk</i> , with  <i>Wk</i>		1°22·19'N	103°10·98'E
Insert	 <i>Wk</i>		1°21·84'N	103°15·80'E
	 <i>Wk</i>		1°19·05'N	103°19·24'E
202	8 Ed 15/9/16 Last NM 6/2019	(RMN Notice no. 1/30/2019)		NM 29/2019
Replace	 <i>Wk</i> , with  <i>Wk</i>		1°23·65'N	103°12·29'E
	 <i>Wk</i> , with  <i>Wk</i>		1°22·19'N	103°10·98'E
Insert	 <i>Wk</i>		1°21·84'N	103°15·80'E
	 <i>Wk</i>		1°19·05'N	103°19·24'E
		(Maritime and Port Authority of Singapore)		NM 30/2019
Delete	 <i>Wk</i>		1°12·76'N	103°35·07'E
Insert	 <i>Wk</i>		1°12·75'N	103°35·07'E
		(Malaysia Marine Department Notice No. 11/2019)		NM 31/2019
Insert	 <i>FI(2)5s</i>		1°20·86'N	104°18·93'E
		(Admiralty Notice No. 09/1049/19)		NM 32/2019
Delete	leading line, pecked line and firm line, and associated legend, 197·9°, extending in direction 017·9°, from:		1°03·05'N	104°08·40'E
	★ Q.15M		1°03·22'N	104°08·45'E
	 <i>FI(2)5s</i>		1°03·73'N	104°08·80'E
500	8 Ed 15/9/17 Last NM 17/2019	(RMN Notice no. 1/30/2019)		NM 29/2019
Replace	 <i>Wk</i> , with  <i>Wk</i>		1°23·65'N	103°12·29'E
	 <i>Wk</i> , with  <i>Wk</i>		1°22·19'N	103°10·98'E
Insert	 <i>Wk</i>		1°21·84'N	103°15·80'E
	 <i>Wk</i>		1°19·05'N	103°19·24'E
		(Maritime and Port Authority of Singapore)		NM 30/2019
Delete	 <i>Wk</i>		1°12·76'N	103°35·07'E
Insert	 <i>Wk</i>		1°12·75'N	103°35·07'E

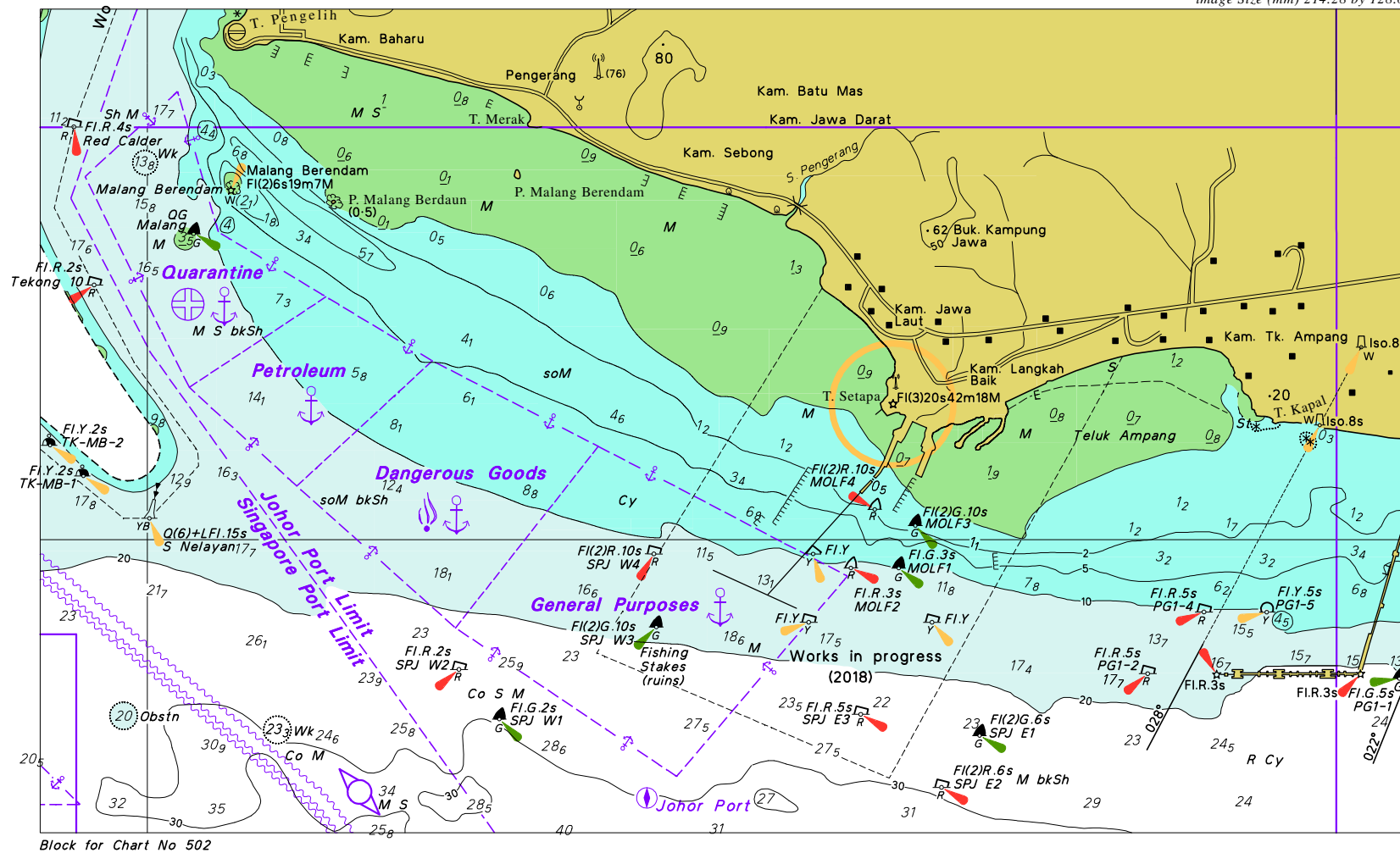
II

NOTICES TO MARINERS AND CHART CORRECTIONS

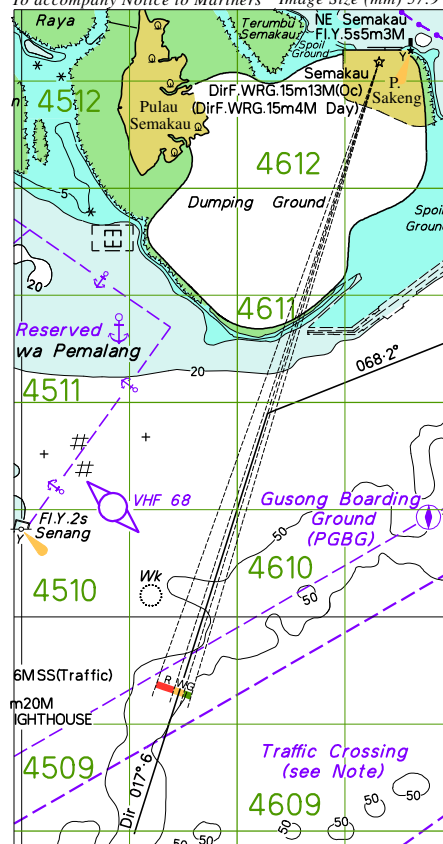
		(Maritime and Port Authority of Singapore)	NM 33/2019
Delete	depth, <i>18</i>	1°11·01'N	103°42·46'E
Replace	depth, <i>19₄</i> , with depth, <i>19₆</i>	1°10·20'N	103°42·77'E
Insert	depth, <i>17₉</i>	1°11·05'N	103°42·43'E
501	7 Ed 1/9/15 Last NM 96/2018	(Maritime and Port Authority of Singapore)	NM 26/2019
Insert	the accompanying block, centered on:	1°10·08'N	103°45·82'E
		(Maritime and Port Authority of Singapore)	NM 30/2019
Delete	 <i>Wk</i>	1°12·76'N	103°35·07'E
Insert	 <i>Wk</i>	1°12·75'N	103°35·07'E
		(Maritime and Port Authority of Singapore)	NM 33/2019
Delete	depth, <i>18</i>	1°11·01'N	103°42·46'E
Replace	depth, <i>19₃</i> , with depth, <i>19₆</i>	1°10·20'N	103°42·77'E
Insert	depth, <i>17₉</i>	1°11·05'N	103°42·43'E
502	7 Ed 1/9/15 Last NM 7/2019	(Maritime and Port Authority of Singapore)	NM 25/2019
Insert	 <i>Obstn</i>	1°19·78'N	104°03·50'E
		(Admiralty Notice No. 02/234/19)	NM 27/2019
Insert	the accompanying block, centered on:	1°20·42'N	104°07·36'E
		(Maritime and Port Authority of Singapore)	NM 34/2019
Insert	depth, <i>16₃</i>	1°17·95'N	103°56·45'E
503	5 Ed 15/8/14 Last NM 71/2018	(Malaysia Marine Department Notice No. 11/2019)	NM 31/2019
Insert	 <i>FI(2)5s</i>	1°20·86'N	104°18·93'E



Block for Chart No 501

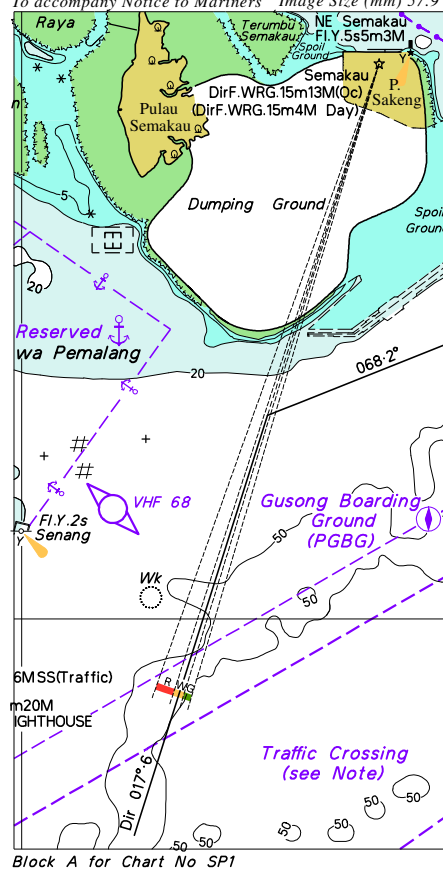


To accompany Notice to Mariners Image Size (mm) 57.9 by 110.8



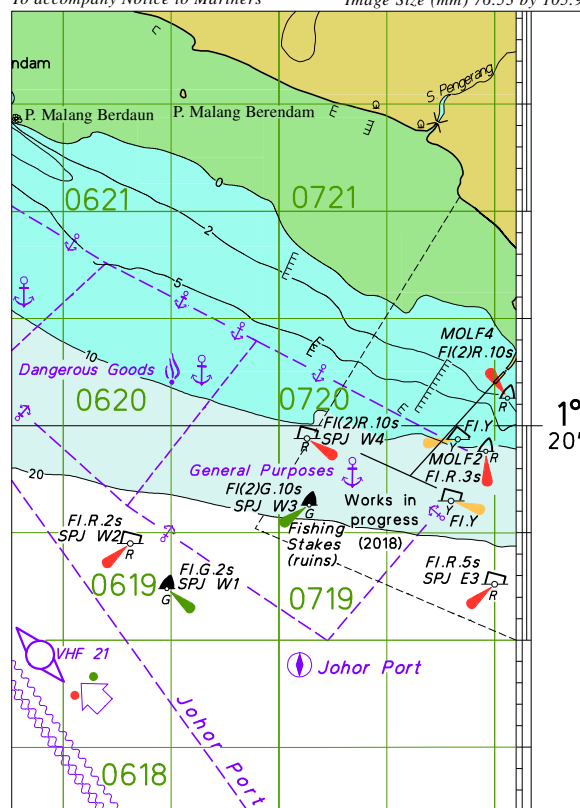
Block A for Chart No GSP1

To accompany Notice to Mariners Image Size (mm) 57.9 by 110.8



To accompany Notice to Mariners

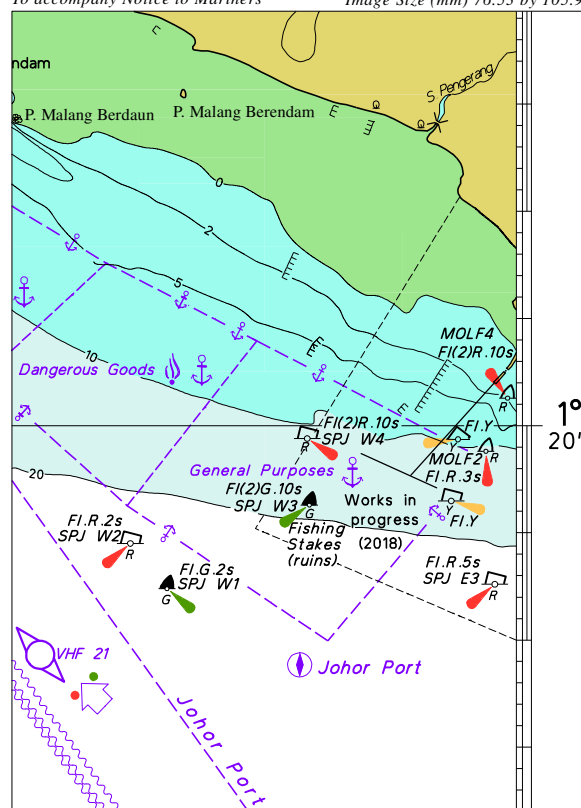
Image Size (mm) 76.53 by 105.91



Block B for Chart No GSP1

To accompany Notice to Mariners

Image Size (mm) 76.53 by 105.91



Block B for Chart No SP1

II

TEMPORARY AND PRELIMINARY NOTICES

(NM 35T/2019)

REPORTED WRECK 'MV STAR CENTURION'

Description : A vessel 'MV Star Centurion' is reported to have sunk off the vicinity of Riau Islands

Position of wreck : **Latitude** 1°24·50'N
Longitude 104°35·53'E

Remark : Mariners are advised to navigate with caution.

Charts affected : Singaporean 202 and 503

Source : Indonesian Notice No. 4/53T/2019

II

TEMPORARY AND PRELIMINARY NOTICES

(NM 36T/2019) : **JOINT HYDROGRAPHIC SURVEY IN STRAITS OF MALACCA AND SINGAPORE**

Purpose : Hydrographic survey will be carried out in the Straits, in order to improve safe navigation and smooth uninterrupted passage in the Traffic Separation Scheme (TSS) of the Straits of Malacca and Singapore (STRAITREP Sector 1 to 9)

Overall Survey : Period : From 15th January to 5th August 2019, Daylight hours only

Survey vessel : SSE MAZU (YDB3013)

Operation : This hydrographic survey will be carried out by means of multi-beam echo sounder with line spacing of around 100m at 5 to 8 knots within the TSS, and no towing-vehicle will be towed behind.
This hydrographic survey will be implemented with reciprocal operation, even in eastward course or westward course in the TSS.

Survey areas : The survey in the Malacca Strait will be conducted in stages according to the planned survey period listed below at the Traffic Separation Scheme bounded by the following coordinates:

1.

	Coordinate of Survey area A-13	Latitude (N)	Longitude (E)	Planned Survey Period
A-13	A	2° 15' 24.703"	101° 37' 46.668"	15 th January 2019 and 16 th January 2019
	B	2° 15' 24.144"	101° 39' 34.539"	
	C	2° 14' 6.434"	101° 39' 33.915"	
	D	2° 14' 7.399"	101° 37' 46.041"	

	Coordinate of Survey area A-12	Latitude (N)	Longitude (E)	Planned Survey Period
A-12	A	2° 23' 6.700"	101° 36' 25.815"	16 th January 2019 and 17 th January 2019
	B	2° 21' 48.199"	101° 38' 8.671"	
	C	2° 20' 43.103"	101° 38' 7.203"	
	D	2° 20' 42.948"	101° 37' 4.091"	
	E	2° 21' 54.592"	101° 37' 4.732"	

	Coordinate of Survey area A-5	Latitude (N)	Longitude (E)	Planned Survey Period
A-5	A	2° 48' 56.658"	100° 59' 27.719"	18 th January 2019 to 4 th February 2019
	B	2° 46' 34.608"	101° 3' 53.079"	
	C	2° 44' 35.404"	101° 4' 19.755"	
	D	2° 40' 17.599"	101° 11' 45.972"	
	E	2° 39' 45.047"	101° 11' 35.935"	
	F	2° 46' 41.070"	100° 58' 15.146"	

II

TEMPORARY AND PRELIMINARY NOTICES

	Coordinate of Survey area A-3	Latitude (N)	Longitude (E)	Planned Survey Period
A-3	A	3° 0' 15.763"	100° 47' 8.596"	4 th February 2019 to 17 th May 2019
	B	2° 53' 19.990"	100° 55' 19.475"	
	C	2° 48' 56.659"	100° 59' 27.723"	
	D	2° 51' 30.733"	100° 55' 19.612"	
	E	2° 48' 57.163"	100° 53' 39.576"	
	F	2° 54' 37.481"	100° 43' 2.167"	

	Coordinate of Survey area A-2	Latitude (N)	Longitude (E)	Planned Survey Period
A-2	A	3° 1' 48.565"	100° 48' 15.665"	10 th February 2019 to 17 th May 2019
	B	2° 46' 19.753"	101° 6' 24.183"	
	C	2° 45' 56.294"	101° 6' 12.193"	
	D	2° 49' 20.380"	100° 59' 37.177"	
	E	2° 53' 42.607"	100° 55' 40.974"	
	F	3° 0' 35.842"	100° 47' 22.861"	

Survey areas : The survey in the Singapore Strait will be conducted in stages according to the survey planned period listed below at the Traffic Separation Scheme bounded by the following coordinates:

2.

	Coordinate of Survey area A-27	Latitude (N)	Longitude (E)	Planned Survey Period
A-27	A	1° 15' 21.977"	103° 20' 55.924"	21 st May 2019 to 23 rd May 2019
	B	1° 14' 6.820"	103° 22' 17.629"	
	C	1° 14' 41.482"	103° 19' 12.595"	
	D	1° 16' 2.640"	103° 17' 41.317"	

	Coordinate of Survey area A-29	Latitude (N)	Longitude (E)	Planned Survey Period
A-29	A	1° 12' 29.803"	103° 22' 22.759"	24 th May 2019
	B	1° 11' 38.188"	103° 23' 29.053"	
	C	1° 11' 18.899"	103° 23' 9.568"	
	D	1° 11' 35.582"	103° 21' 41.710"	
	E	1° 12' 9.878"	103° 22' 3.160"	

	Coordinate of Survey area A-34	Latitude (N)	Longitude (E)	Planned Survey Period
A-34	A	1° 7' 3.181"	103° 32' 51.259"	24 th May 2019 to 31 st May 2019
	B	1° 3' 35.744"	103° 38' 50.860"	
	C	1° 2' 24.672"	103° 38' 10.153"	
	D	1° 5' 56.008"	103° 32' 11.637"	

	Coordinate of Survey area A-35	Latitude (N)	Longitude (E)	Planned Survey Period
A-35	A	1° 3' 35.744"	103° 38' 50.860"	2 nd June 2019 to 11 th June 2019
	B	1° 5' 53.887"	103° 43' 16.626"	
	C	1° 7' 3.596"	103° 44' 9.302"	
	D	1° 6' 28.575"	103° 44' 55.104"	
	E	1° 4' 59.898"	103° 43' 33.029"	
	F	1° 1' 35.916"	103° 39' 32.842"	
	G	1° 2' 24.672"	103° 38' 10.153"	

	Coordinate of Survey area A-38	Latitude (N)	Longitude (E)	Planned Survey Period
A-38	A	1° 8' 25.132"	103° 45' 22.408"	12 th June 2019 to 15 th June 2019
	B	1° 10' 5.340"	103° 47' 56.770"	
	C	1° 9' 1.287"	103° 47' 56.380"	
	D	1° 7' 49.553"	103° 46' 10.201"	
	E	1° 6' 47.382"	103° 45' 13.698"	

	Coordinate of Survey area A-39	Latitude (N)	Longitude (E)	Planned Survey Period
A-39	A	1° 10' 5.340"	103° 47' 56.770"	15 th June 2019
	B	1° 10' 40.625"	103° 49' 13.714"	
	C	1° 10' 5.340"	103° 49' 28.762"	

	Coordinate of Survey area A-40	Latitude (N)	Longitude (E)	Planned Survey Period
A-40	A	1° 11' 35.790"	103° 51' 17.594"	16 th June 2019
	B	1° 12' 8.695"	103° 52' 14.694"	
	C	1° 12' 8.695"	103° 52' 17.598"	
	D	1° 11' 59.180"	103° 52' 20.690"	
	E	1° 11' 15.750"	103° 52' 20.690"	
	F	1° 10' 54.174"	103° 51' 34.046"	

	Coordinate of Survey area A-46	Latitude (N)	Longitude (E)	Planned Survey Period
A-46	A	1° 14' 16.961"	103° 57' 24.364"	16 th June 2019
	B	1° 14' 16.961"	103° 57' 36.112"	
	C	1° 14' 6.447"	103° 57' 36.112"	
	D	1° 14' 6.447"	103° 57' 24.364"	

II

TEMPORARY AND PRELIMINARY NOTICES

	Coordinate of Survey area A-41	Latitude (N)	Longitude (E)	Planned Survey Period
A-41	A	1° 14' 29.028"	103° 58' 17.622"	17 th June 2019 and 18 th June 2019
	B	1° 15' 21.289"	104° 2' 2.153"	
	C	1° 14' 56.126"	104° 2' 7.960"	
	D	1° 14' 5.800"	103° 58' 25.365"	

	Coordinate of Survey area A-47	Latitude (N)	Longitude (E)	Planned Survey Period
A-47	A	1° 15' 54.227"	104° 3' 1.591"	18 th June 2019
	B	1° 15' 54.227"	104° 3' 11.394"	
	C	1° 15' 45.918"	104° 3' 11.394"	
	D	1° 15' 45.918"	104° 3' 1.591"	

	Coordinate of Survey area A-28	Latitude (N)	Longitude (E)	Planned Survey Period
A-28	A	1° 15' 4.600"	103° 22' 19.073"	20 th June 2019 and 21 st June 2019
	B	1° 14' 59.171"	103° 22' 46.061"	
	C	1° 12' 46.265"	103° 26' 53.392"	
	D	1° 13' 47.592"	103° 23' 53.704"	
	E	1° 15' 4.600"	103° 22' 19.073"	

	Coordinate of Survey area A-32	Latitude (N)	Longitude (E)	Planned Survey Period
A-32	A	1° 17' 1.179"	103° 23' 24.541"	21 st June 2019 to 23 rd June 2019
	B	1° 15' 11.820"	103° 25' 11.955"	
	C	1° 14' 10.853"	103° 24' 15.310"	
	D	1° 14' 58.851"	103° 22' 56.305"	

	Coordinate of Survey area A-30	Latitude (N)	Longitude (E)	Planned Survey Period
A-30	A	1° 15' 11.820"	103° 25' 11.955"	24 th June 2019 to 8 th July 2019
	B	1° 12' 59.324"	103° 34' 40.629"	
	C	1° 11' 51.710"	103° 34' 19.161"	
	D	1° 11' 41.399"	103° 33' 57.222"	
	E	1° 12' 46.265"	103° 26' 53.392"	
	F	1° 14' 10.853"	103° 24' 15.310"	

II

TEMPORARY AND PRELIMINARY NOTICES

A-31	Coordinate of Survey area A-31	Latitude (N)	Longitude (E)	Planned Survey Period
	A	1° 12' 46.265"	103° 26' 53.392"	8 th July 2019 to 21 st July 2019
	B	1° 11' 41.399"	103° 33' 57.222"	
	C	1° 11' 51.710"	103° 34' 19.161"	
	D	1° 11' 50.964"	103° 34' 36.484"	
	E	1° 11' 42.653"	103° 35' 13.309"	
	F	1° 11' 28.113"	103° 37' 51.344"	
	G	1° 10' 20.793"	103° 39' 44.708"	
	H	1° 10' 20.917"	103° 34' 47.846"	
	I	1° 10' 18.027"	103° 29' 34.044"	
	J	1° 11' 40.026"	103° 28' 5.415"	
	K	1° 12' 11.536"	103° 28' 23.913"	
A-42	Coordinate of Survey area A-42	Latitude (N)	Longitude (E)	Planned Survey Period
	A	1° 17' 22.057"	104° 7' 39.615"	21 st July 2019 to 5 th August 2019
	B	1° 19' 23.893"	104° 19' 23.404"	
	C	1° 20' 2.219"	104° 20' 7.118"	
	D	1° 19' 2.566"	104° 20' 46.068"	
	E	1° 18' 0.067"	104° 19' 36.062"	
	F	1° 17' 19.110"	104° 14' 53.670"	
	G	1° 17' 6.318"	104° 14' 54.054"	
	H	1° 16' 3.468"	104° 8' 35.219"	
A-43	Coordinate of Survey area A-43	Latitude (N)	Longitude (E)	Planned Survey Period
	A	1° 17' 36.038"	104° 18' 24.902"	5 th August 2019
	B	1° 17' 36.726"	104° 19' 39.991"	
	C	1° 17' 30.409"	104° 19' 40.939"	
	D	1° 17' 20.851"	104° 18' 25.058"	

3. Charts affected: Singaporean GSP1/SP1, 200, 201, 202, 500, 501, Dual-badged 4030, 4031, 4036, 4038, 4039 and 4040.
4. ENC's affected: SG5C4030, SG5C4031, SG5C4036, SG5C4039, MS4IK2RL, MS4BR2JS, MS3IK2EB and MS3RSFC.
5. Mariners are advised to navigate with caution and give a wide berth.

6. Navigational warning broadcast will be promulgated by the relevant VTS Authorities by VHF and NAVTEX. Mariners are to maintain a listening watch.
7. Amendments have been made only to Survey Areas A-2 and A-3. All other Survey Areas remains as per notice no. 8T/2019

Note: Former notice 8T/2019 has been cancelled

Source: Aero Asahi Corporation, Japan (SCOPE OF WORKS FOR PHASE 2 OF THE JOINT HYDROGRAPHIC SURVEY OF THE STRAITS OF MALACCA AND SINGAPORE (THE “JOINT HYDROGRAPHIC SURVEY”)).

III NAVIGATIONAL INFORMATION

*(NM 37/2019)

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-notice>

PMN No.

Subject

15/2019	Removal of Jetty and installation of Mono Piles at Pulau Sebarok
16/2019	Works at Tuas Terminal Phase 1
17/2019	Operation of Temporary Jetty and Roro Ramp off East of Tuas View
18/2019	Works at Tuas Western Coast

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 38/2019) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2018/2019”

DESIGNATED ANCHORAGES IN PORT

LEAST DEPTHS OF ANCHORAGES

1. Page 104

A EASTERN SECTOR

Amend the following:

No.	Anchorage	Depth (m)	Latitude (N) Longitude (E)
9	Eastern Petroleum B (AEPBB)	16.3	1°17.953' 103°56.455'
10	Eastern Special Purposes A (AESPA)	15.5	1°16.783' 103°55.130'

2. Page 105

B WESTERN SECTOR

Amend the following:

No.	Anchorage	Depth (m)	Latitude (N) Longitude (E)
27	Sudong Explosive (ASUEX)	19.6	1°10.204' 103°42.770'
28	Sudong Special Purpose (ASSPU)	17.9	1°11.051' 103°42.426'

3. Page 132

TUAS VIEW EXTENSION

Delete the following:

Name of Beacon/ Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HSPBV-MB 1 Mooring Buoy	01°15.570' 103°37.895'	Yellow drum	Fl.Y.2s	HSPBV Joint Venture

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

3. Page 133

TUAS VIEW EXTENSION (Cont/)

Delete the following:

Name of Beacon/ Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HSPBV-MB 1A Mooring Buoy	01°15.570' 103°38.068'	Yellow drum	Fl.Y.2s	HSPBV Joint Venture
HSPBV-MB 2 Mooring Buoy	01°15.570' 103°38.181'	Yellow drum	Fl.Y.3s	HSPBV Joint Venture
HSPBV-MB 2A Mooring Buoy	01°15.570' 103°38.353'	Yellow drum	Fl.Y.3s	HSPBV Joint Venture

4. **Amend** the following:

Name of Beacon/ Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HD TWC 4 Buoy	01°18.663' 103°36.978'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 5 Buoy	01°18.086' 103°36.791'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 6 Buoy	01°16.917' 103°36.467'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 9 Buoy	01°17.061' 103°36.722'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

CHARACTERISTICS OF AIDS TO NAVIGATION

4. Page 142

APPROACHES TO SHELL SBM

Amend the following:

Name of Beacon/ Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Semakau Light	01°12'587" 103°46'657"	Sector light on top of Generator building at Semakau Island (Centre of white light is 17.6°)	DirF.WRG.15m13M (occas). DirF.WRG.15m4M (Day). G16.5°-17.2° (0.7°) W17.2°-18.1° (0.9°) R18.1°-19.7° (1.6°)	Shell Eastern Petroleum Pte Ltd

*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

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 ONLY.

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 12 DEC 18 0853Z)

THE FOLLOWING ATONS AIS ARE TEMPORARILY REMOVED FOR UPGRADING.
ATONS WITH AIS TEMPORARILY REMOVED FOR UPGRADING:

1. ANGLER BUOY
2. RASU BUOY
3. RAFFLES LIGHTHOUSE
4. SELEGI BEACON

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.

TT506

THE MARITIME AND PORT AUTHORITY OF SINGAPORE HAS REVISED ITS PORT LIMITS WITH EFFECT FROM 6 DEC 2018. MARINERS ARE ADVISED TO REFER PORT MARINE CIRCULAR NO. 9 OF 2018 ON MPA'S WEBSITE FOR DETAILS.

TT514 AMENDED ON 11020730UTC

DAMAGED AND CAPSIZED VESSEL 'STAR CENTURION' AT APPROXIMATE POSITION LAT 01°24'N LONG 104°35'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.

IV
REPRINT OF MARITIME SAFETY INFORMATION

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

SEA ROBBERIES ARE REPORT IN THE SINGAPORE STRAIT, ALL VESSELS ARE TO REPORT ANY SUSPICIOUS CRAFT TO VTIS SINGAPORE.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 24th Feb 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>

872* SINGAPORE - Foul.

Source: Maritime and Port Authority of Singapore

Chart 4035 [*previous update New Edition 20/09/2018*] WGS84 DATUM

Insert  1° 12·115'N, 103° 48·141'E

Chart 4036 [*previous update New Edition 20/09/2018*] WGS84 DATUM

Insert  1° 12·115'N, 103° 48·141'E

Chart 4039 [*previous update 4806/2018*] WGS84 DATUM

Insert  1° 12·12'N, 103° 48·13'E

874* SINGAPORE - Foul.

Source: Maritime and Port Authority of Singapore

Chart 4043 [*previous update New Edition 27/12/2018*] WGS84 DATUM

Replace  Wk with  Wk 1° 21·08'N, 104° 02·87'E

Chart 4044 [*previous update New Edition 27/12/2018*] WGS84 DATUM

Replace  Wk with  Wk 1° 21·08'N, 104° 02·87'E

882* SINGAPORE - Buoyage

Source: Maritime and Port Authority of Singapore

Chart 4038 [*previous update 5385/2018*] WGS84 DATUM

Insert  Fl.Y.2s HD-TWC11 1° 19·86'N, 103° 37·36'E

 Fl.Y.2s HD-TWC12 1° 19·28'N, 103° 37·00'E

 Fl.Y.2s HD-TWC13 1° 19·07'N, 103° 36·97'E

 Fl.Y.2s HD-TWC14 1° 19·82'N, 103° 37·42'E

Chart 4040 [*previous update 5385/2018*] WGS84 DATUM

Insert  Fl.Y.2s HD-TWC12 1° 19·28'N, 103° 37·00'E

 Fl.Y.2s HD-TWC13 1° 19·07'N, 103° 36·97'E

885* SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 4043 [*previous update 874/19*] WGS84 DATUM

Delete  Fl(2)10s 1° 23·84'N, 104° 05·64'E

896* SINGAPORE - Wreck.

Source: Maritime and Port Authority of Singapore

Chart 4038 [*previous update 882/19*] WGS84 DATUM

Insert  Wk 1° 12·94'N, 103° 34·63'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 4039 [*previous update 872/19*] WGS84 DATUM

Insert  *Wk* 1° 12·94'N, 103° 34·63'E

Chart 4040 [*previous update 882/19*] WGS84 DATUM

Insert  *Wk* 1° 12·94'N, 103° 34·63'E

1071* **SINGAPORE - NM Blocks. Maritime limits. Buoy.**

Source: Maritime and Port Authority of Singapore

Chart 4030 [*previous update 5385/18*] WGS84 DATUM

Insert maritime limit, pecked line, joining: (a) 1° 13·486'N, 103° 37·825'E
 1° 13·486'N, 103° 37·979'E
 1° 13·676'N, 103° 38·138'E
 1° 13·676'N, 103° 38·290'E
 1° 13·486'N, 103° 38·384'E
 1° 13·486'N, 103° 38·891'E
 and
 (b) 1° 13·752'N, 103° 39·216'E
 1° 13·659'N, 103° 39·251'E

Move  *FL.Y.4s GMAPS 01, from:* 1° 13·752'N, 103° 38·253'E
 to: 1° 13·675'N, 103° 38·285'E

Delete former maritime limit, pecked line, joining: (a) above
 1° 13·752'N, 103° 38·048'E
 and
 (b) above
 1° 13·752'N, 103° 38·990'E

Chart 4031 [*previous update 5385/18*] WGS84 DATUM

Insert maritime limit, pecked line, joining: 1° 13·486'N, 103° 38·500'E
 1° 13·486'N, 103° 38·890'E
 and
 1° 13·659'N, 103° 39·251'E
 (a) 1° 13·752'N, 103° 39·216'E
 Delete former maritime limit, pecked line, joining: (a) above
 1° 13·752'N, 103° 38·991'E

Chart 4038 [*previous update 896/19*] WGS84 DATUM

Insert the accompanying block A, centred on: 1° 14·3'N, 103° 37·9'E
 the accompanying block B, centred on: 1° 13·3'N, 103° 39·5'E

Chart 4039 [*previous update 896/19*] WGS84 DATUM

Insert the accompanying block, centred on: 1° 13·4'N, 103° 38·1'E

V
EXTRACT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL-BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

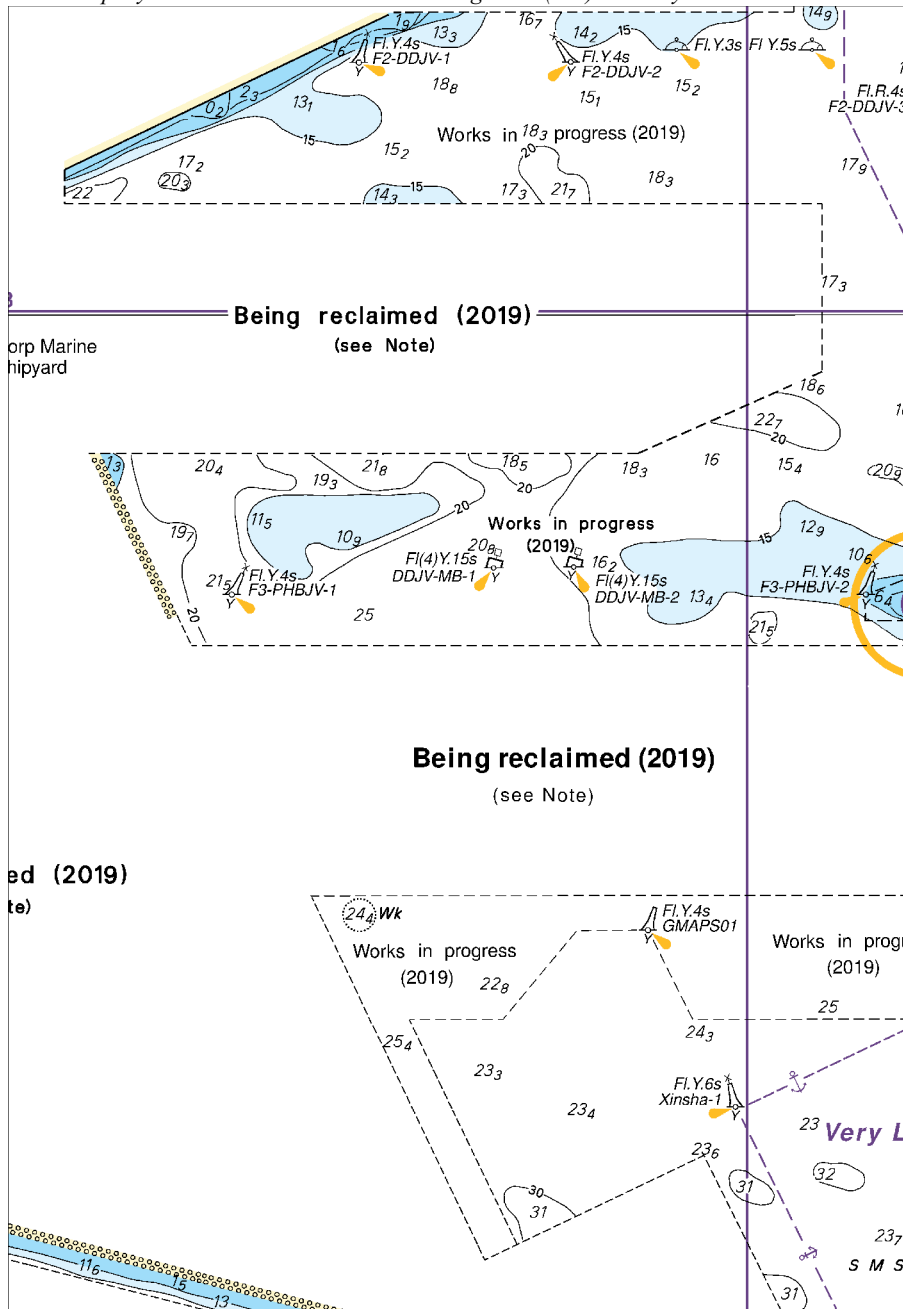
<http://www.admiralty.co.uk/maritime-safety-information/admiralty-notices-to-mariners>

Chart 4040 [*previous update 896/19*] WGS84 DATUM

Insert	the accompanying block A, centred on:	1° 14·3'N, 103° 37·9'E
	the accompanying block B, centred on:	1° 13·3'N, 103° 39·5'E

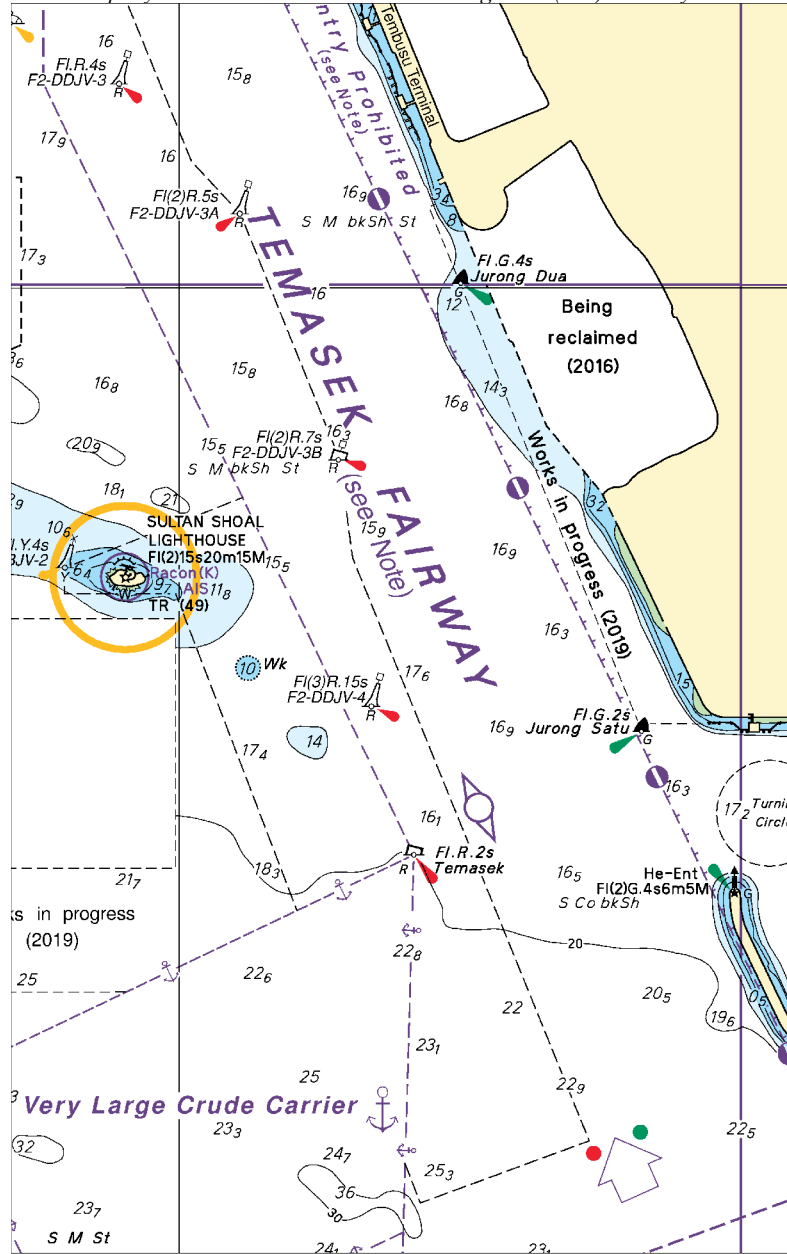
Updated to Admiralty Notices to Mariners No. 9 of 2019 dated 28th February 2019

To accompany Notice to Mariners 1071/19. Image Size (mm) 172.2 by 118.3

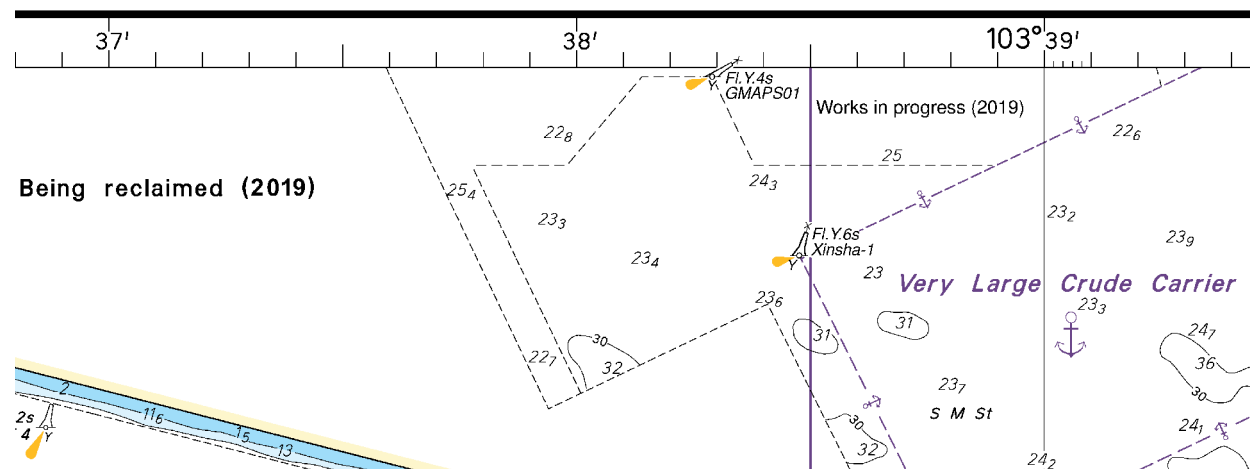


Block A for Chart No 4038

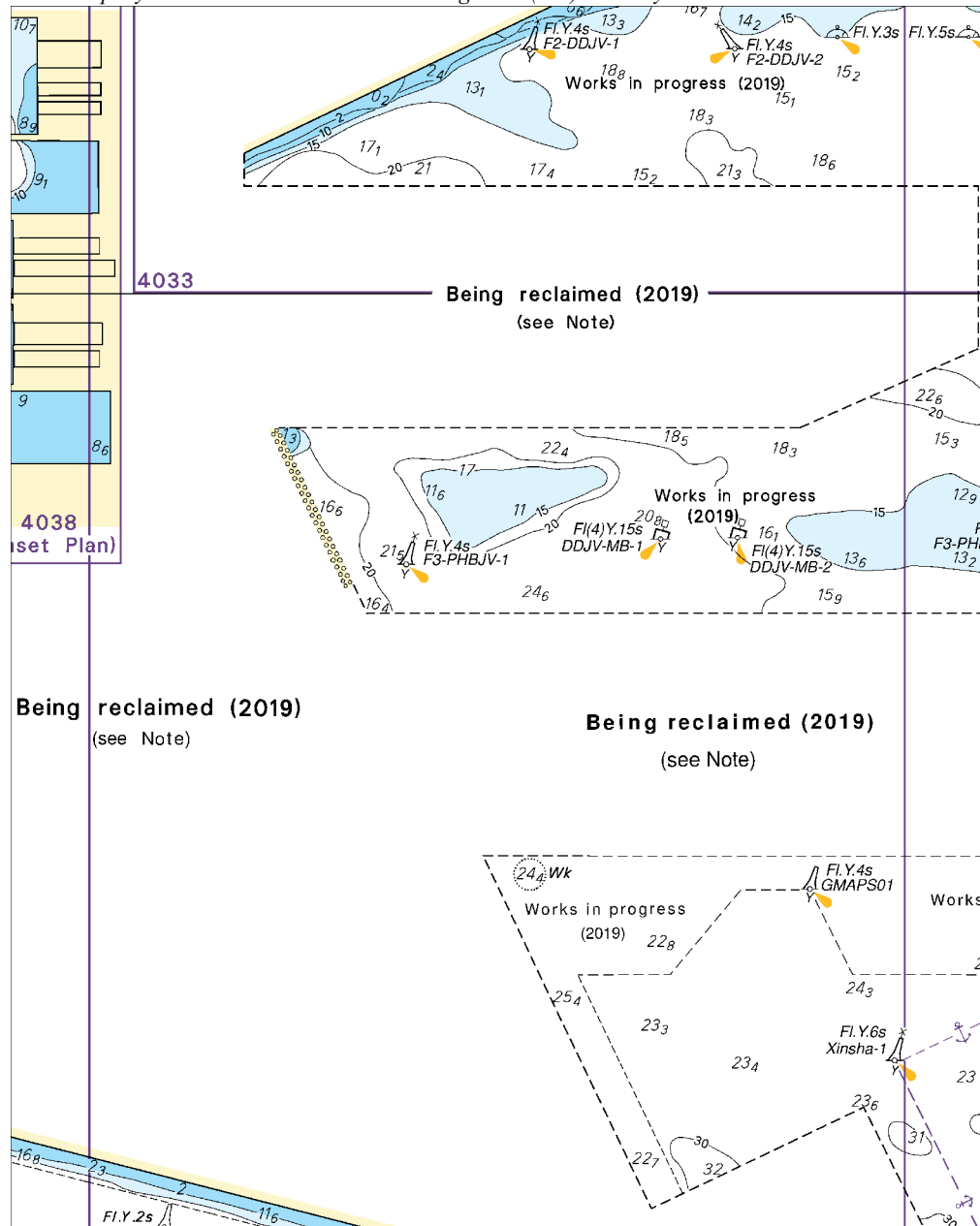
To accompany Notice to Mariners 1071/19. Image Size (mm) 165.2 by 103.5



Block B for Chart No 4038

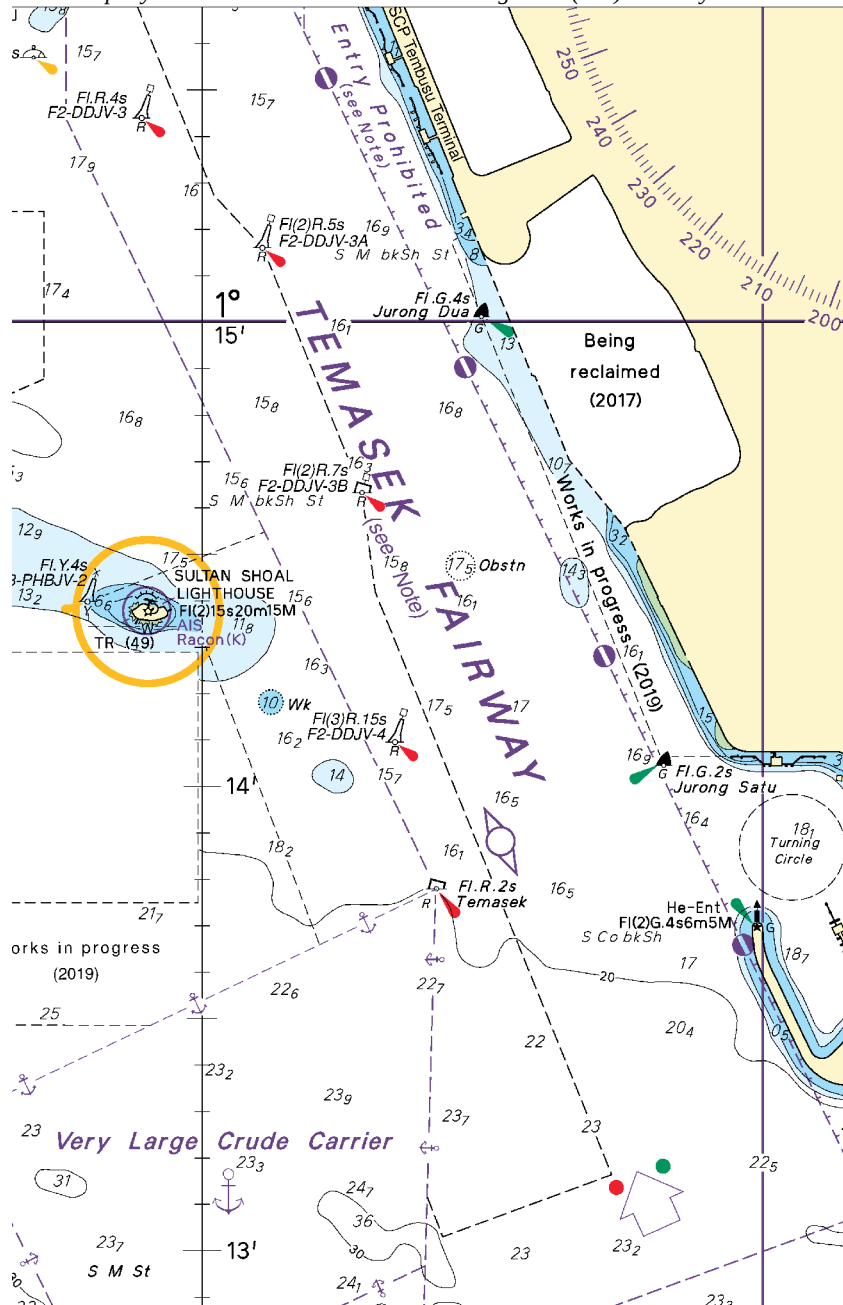


To accompany Notice to Mariners 1071/19. Image Size (mm) 167.1 by 133.2



Block A for Chart No 4040

To accompany Notice to Mariners 1071/2019. Image Size (mm) 171.8 by 111.1



Block B for Chart No 4040

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 :

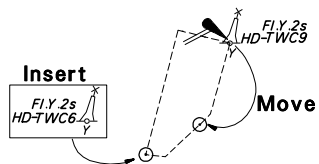
Equipment Used :

Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

Name and Signature :

Ship's/Company's Stamp :

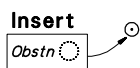


103°40'E

1°15'N

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
23	3/2019	14/2019	GSP1/SP1	X		

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

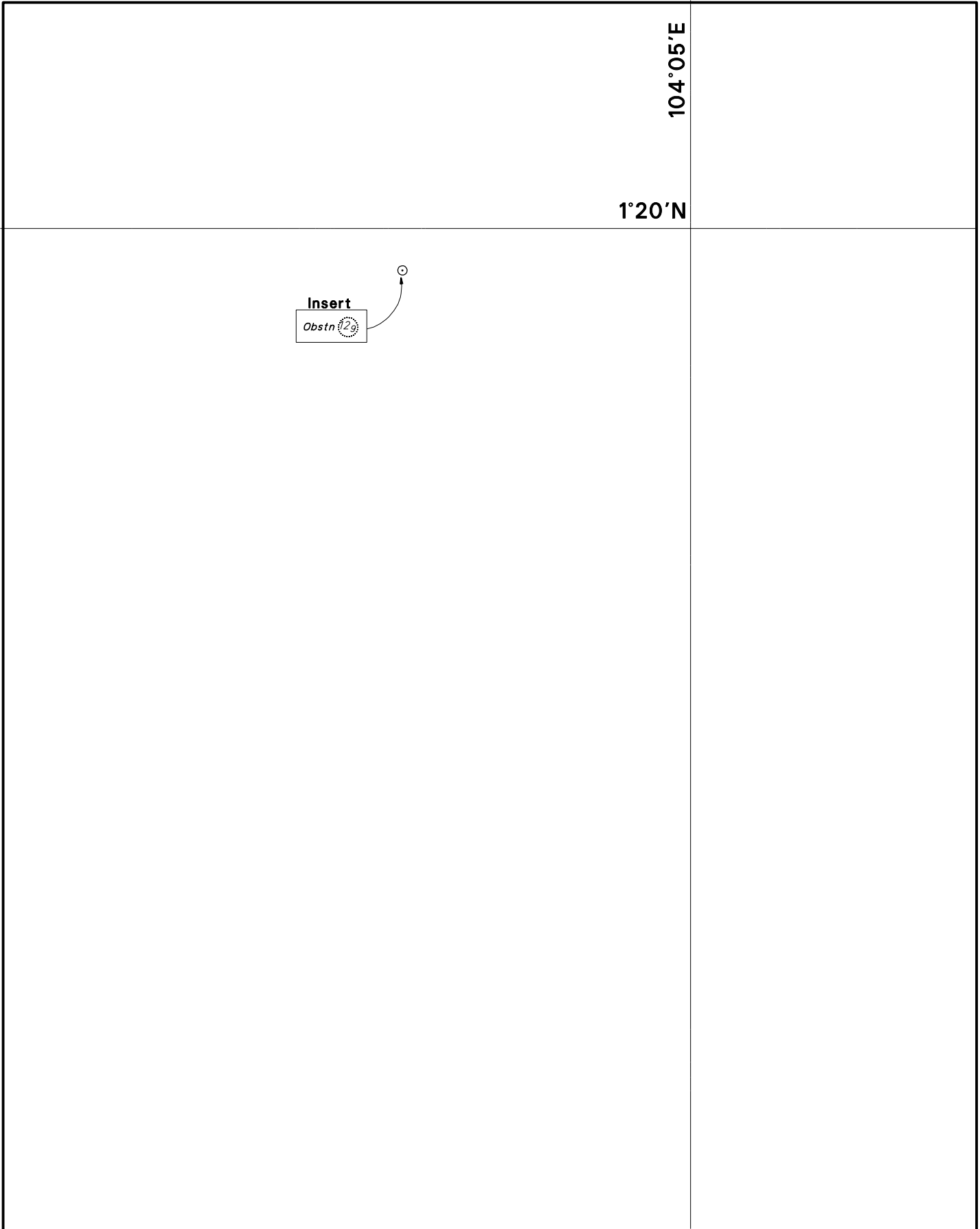


103°45'E

1°10'N

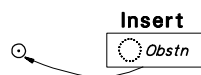
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
24	3/2019	23/2019	GSP1/SP1			
				X		

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



CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
					X	
25	3/2019	7/2019	502			

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

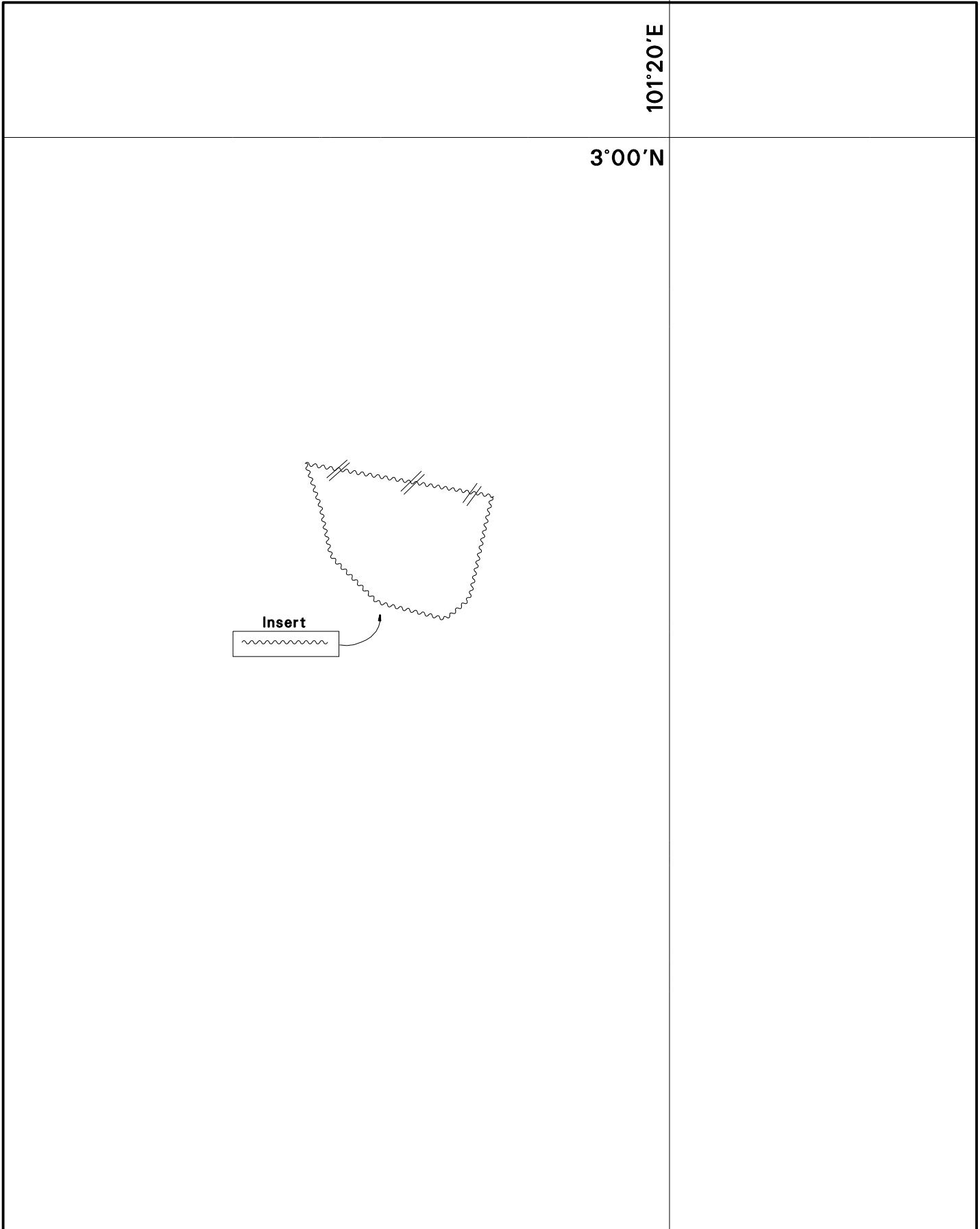


104°05'E

1°15'N

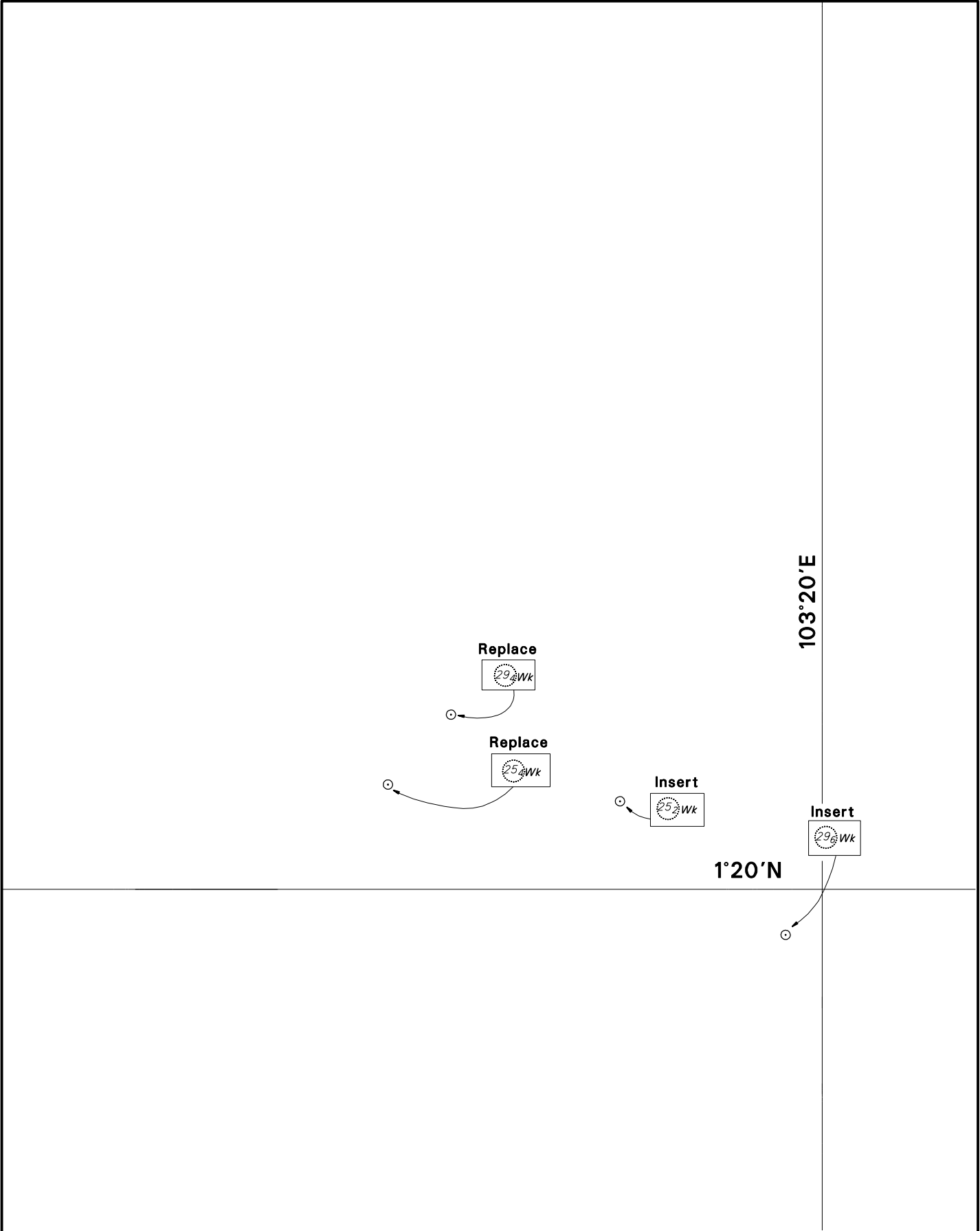
CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
25	3/2019	24/2019	GSP1/SP1			X

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



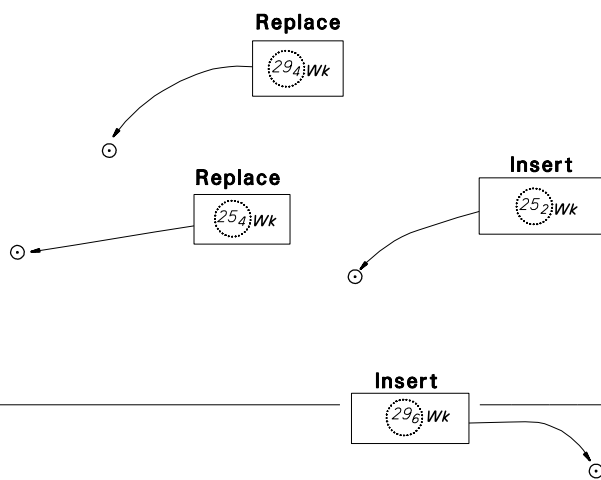
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
					X	
28	3/2019	15/2019	200			

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 N NO.	CHART NO.	Location on Chart		
29	3/2019	16/2019	201			X

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

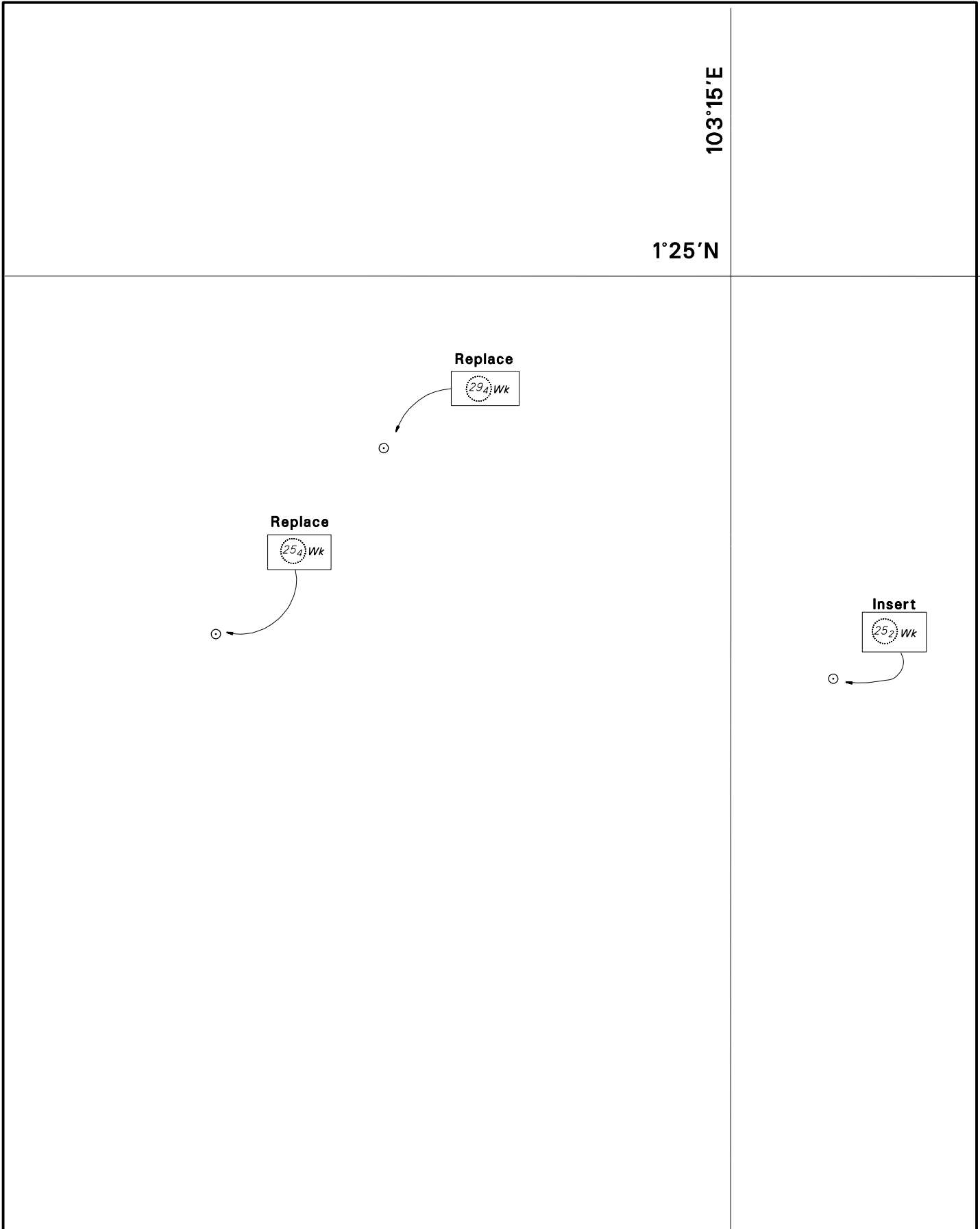


103°20'E

1°20'N

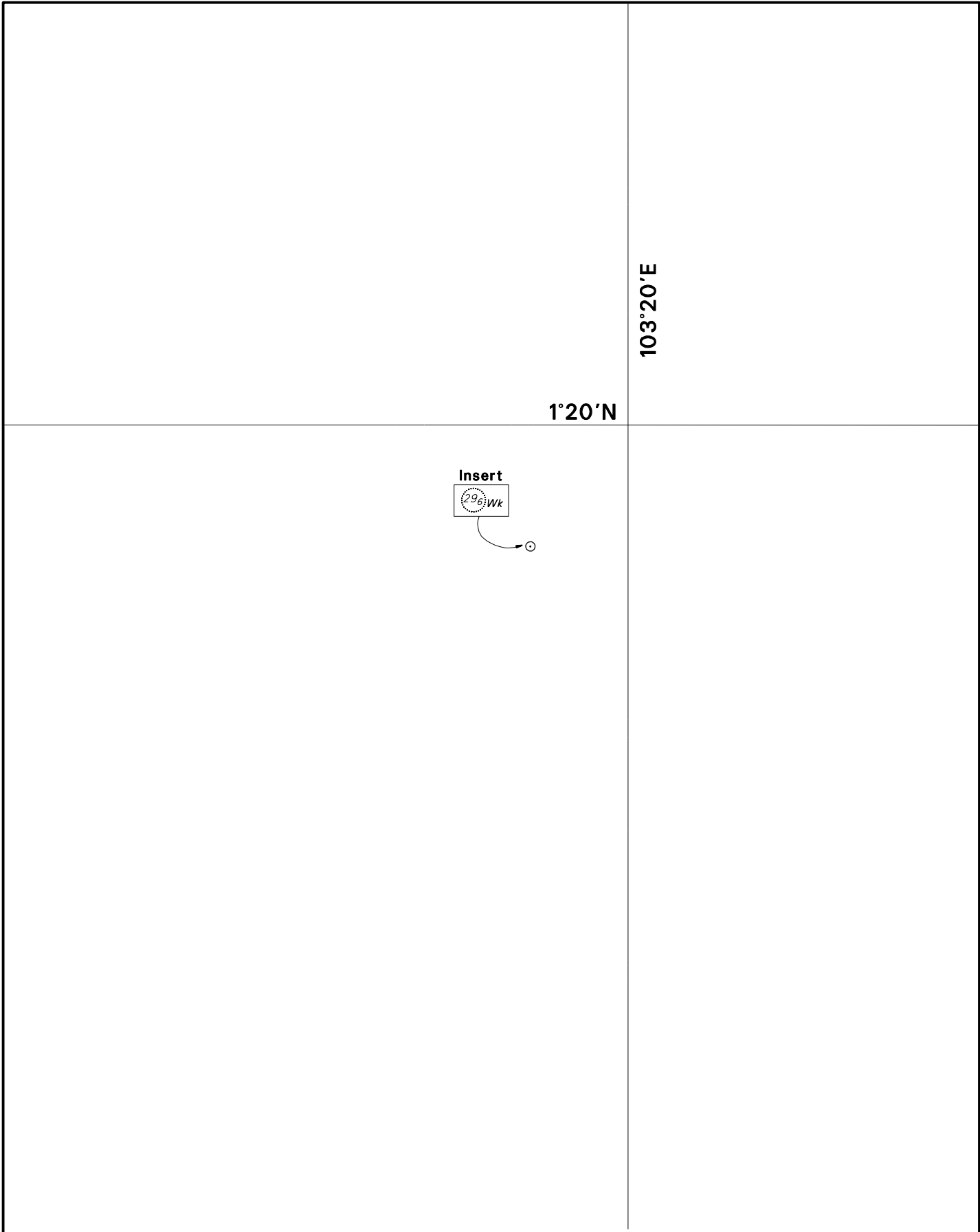
CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
29	3/2019	6/2019	202	X		

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



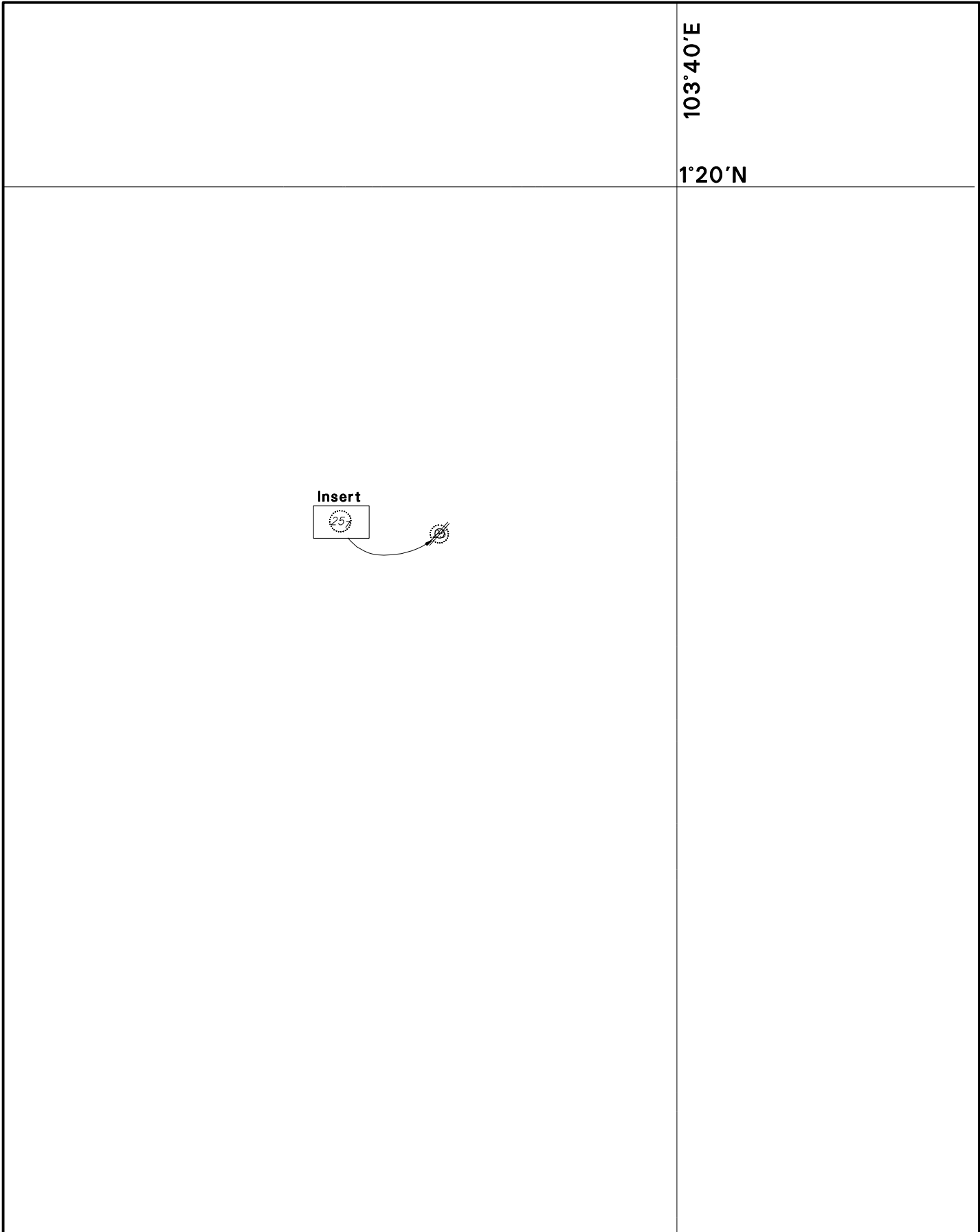
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
				X		
29 (Sheet 1)	3/2019	17/2019	500			

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		
29 (Sheet 2)	3/2019	17/2019	500	X		

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

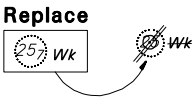
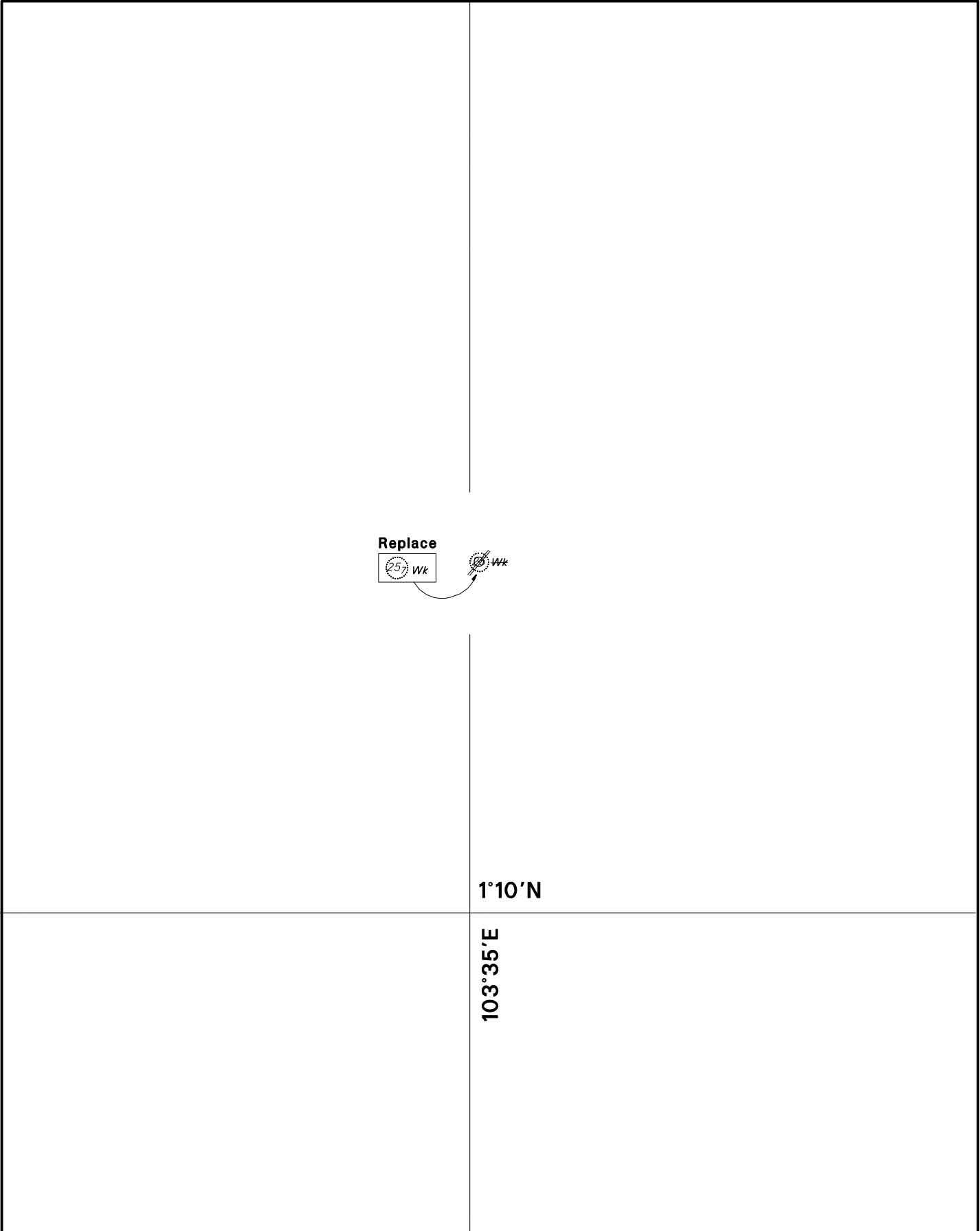


103°40'E

1°20'N

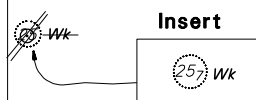
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
30	3/2019	29/2019	202		X	

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		
30	3/2019	29/2019	500			
						X

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

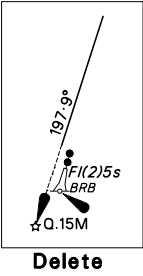
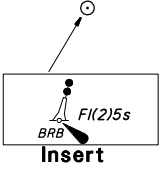


103°35'E

1°10'N

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
				X		
30	3/2019	26/2019	501			

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

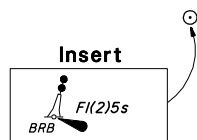


104°20'E

1°00'N

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
31	3/2019	30/2019	202			X

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

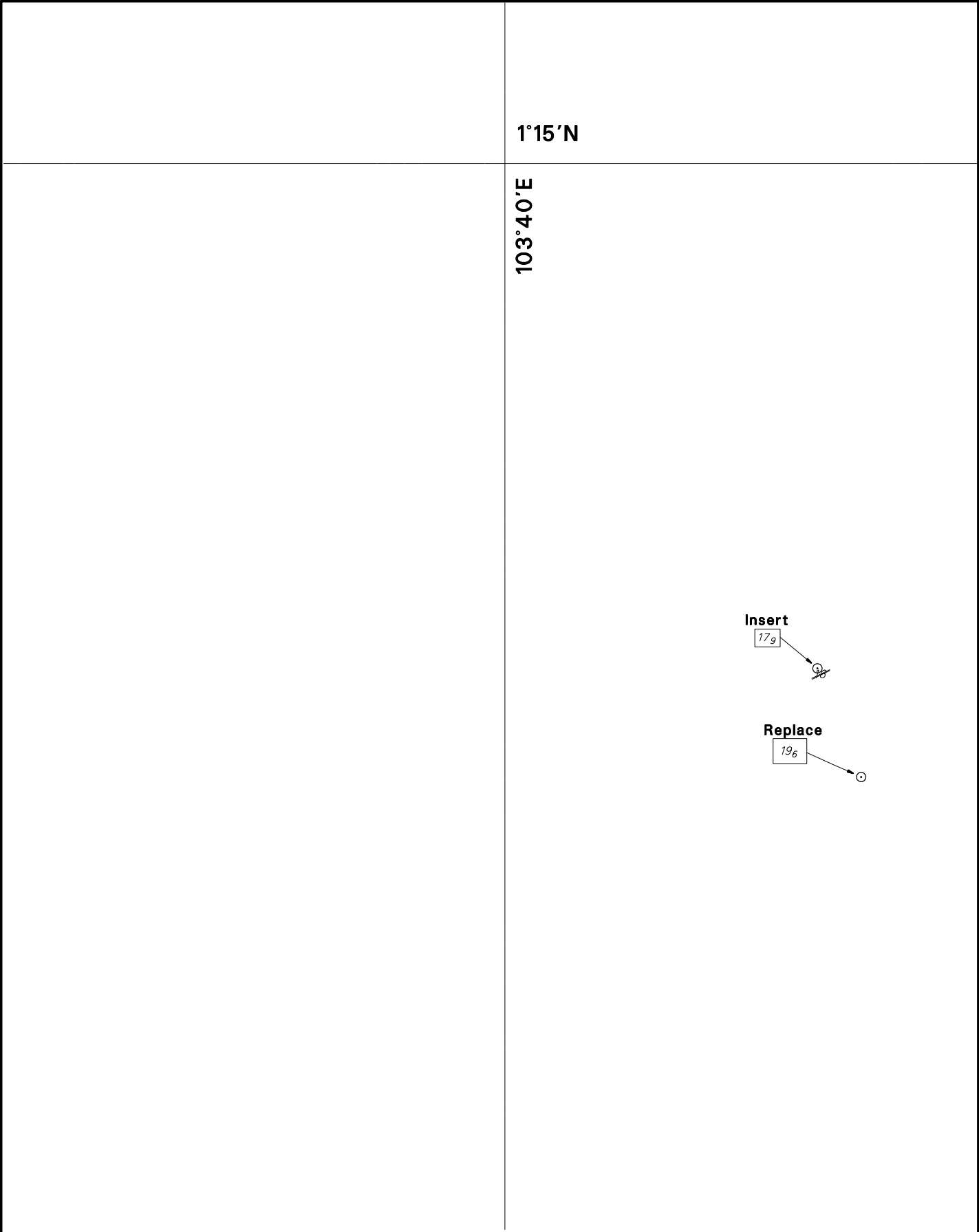


104°20'E

1°20'N

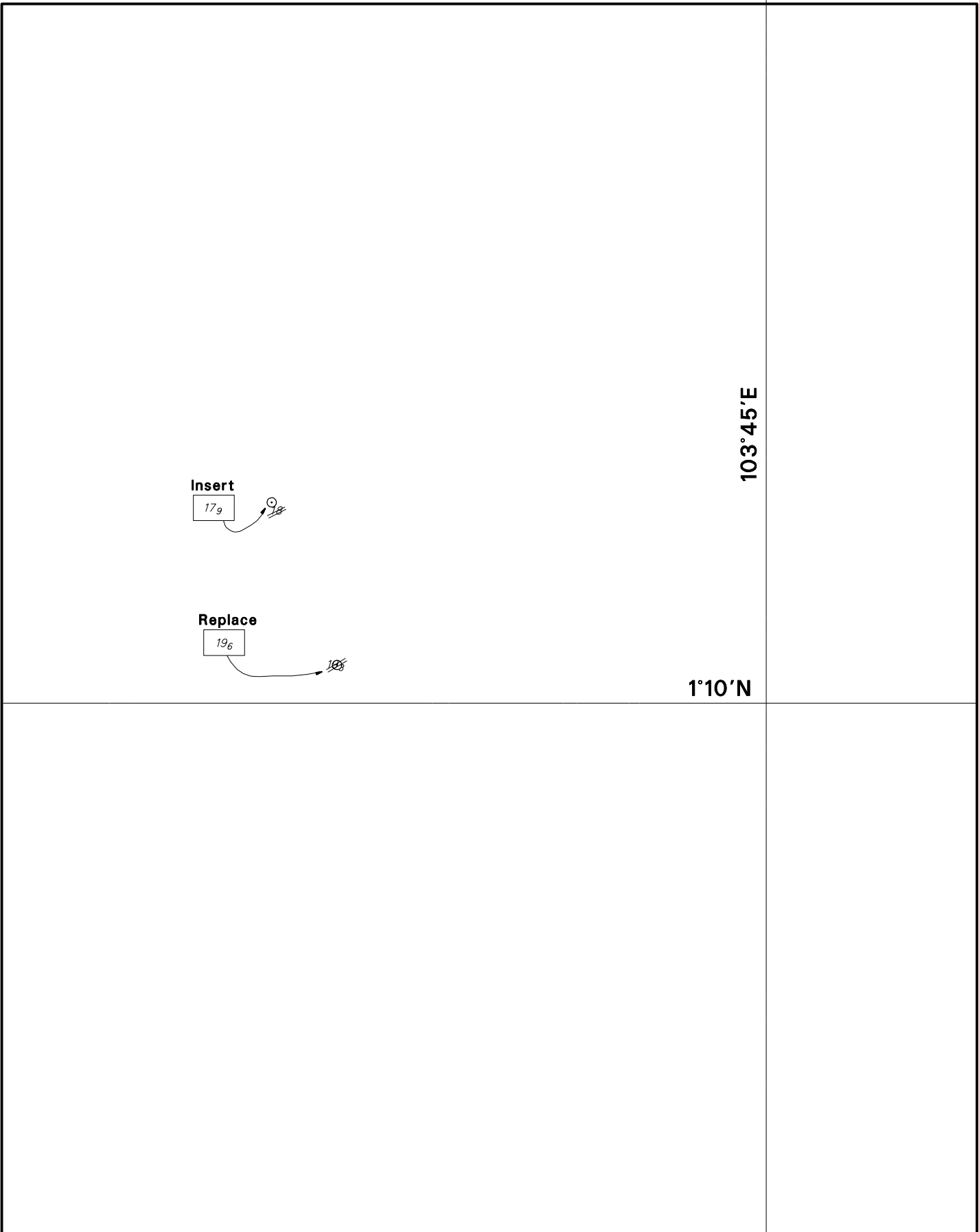
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
31	3/2019	71/2018	503	X		

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 CORRNO NO.	CHART NO.	Location on Chart		
33	3/2019	30/2019	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 N NO.	CHART NO.	Location on Chart		
					X	
33	3/2019	30/2019	501			

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

