



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 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

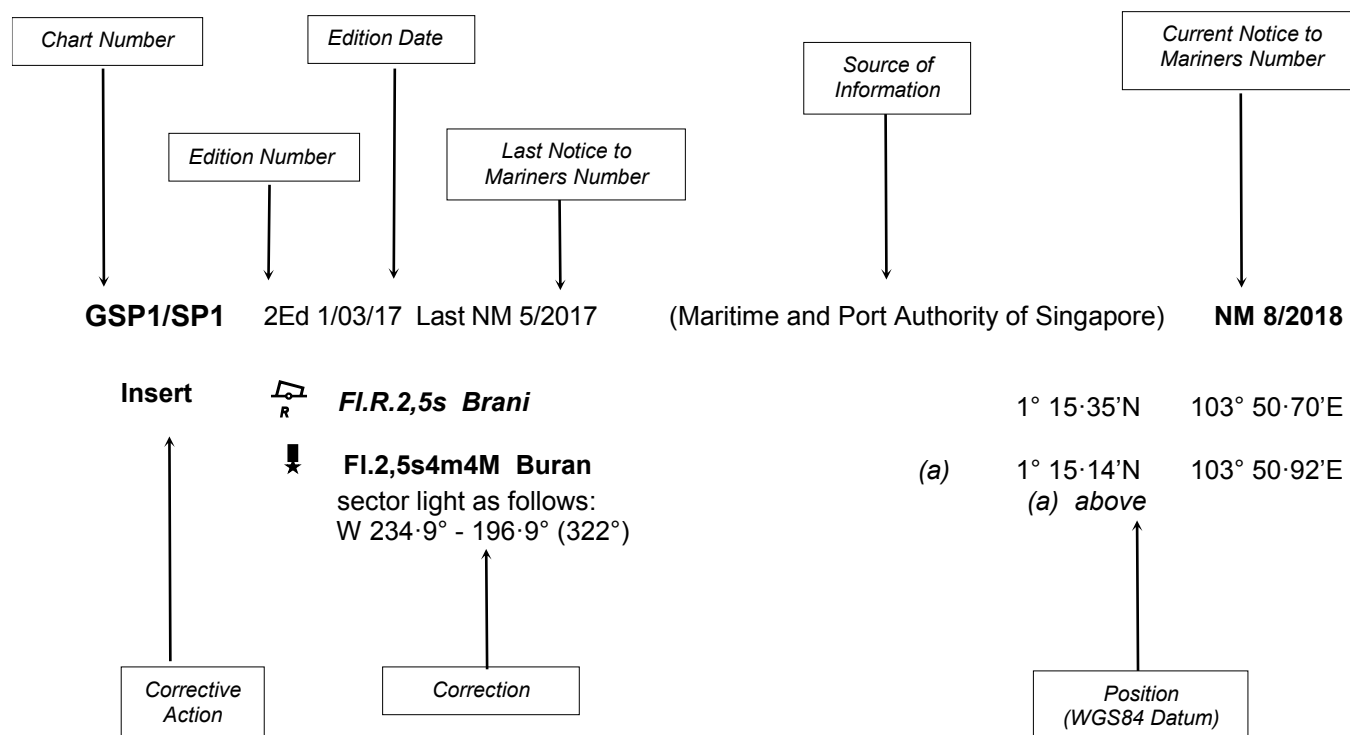
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- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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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/2018**).
P indicates a Preliminary Notice (eg. **NM 10P/2018**).
- 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.

I
AFFECTED CHARTS AND PUBLICATIONS

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*Source: Maritime and Port Authority of Singapore

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AFFECTED CHARTS AND PUBLICATIONS

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*Source: Maritime and Port Authority of Singapore

II
NEW CHARTS AND PUBLICATIONS

NIL

II

NOTICES TO MARINERS AND CHART CORRECTIONS

GSP1/SP1	3 Ed 15/1/18 Last NM 9/2018	(Malaysia Marine Department Notice No. 14/18)	NM 22/2018
Delete	 Neville Rock Fl(2)R.5s10m5M	1°26·68'N	104°02·62'E
Insert	 Neville Rock Fl(2)R.5s15m10M (Maritime and Port Authority of Singapore)	1°26·67'N	104°02·73'E
			NM 23/2018
Delete	limit of anchorage, pecked line, joining:	1°13·28'N 1°13·06'N 1°13·81'N 1°14·50'N	103°38·47'E 103°38·01'E 103°37·67'E 103°39·15'E
Delete	legend  LNG/ LPG/Chemical Gas Carrier, centred on: limit of anchorage, pecked line, joining:	1°13·74'N 1°11·76'N 1°11·36'N and 1°11·42'N 1°10·88'N	103°32·49'E 103°41·42'E 103°41·08'E 103°42·14'E 103°41·73'E
Delete	legend  Sudong Bunkering A, centred on: legend  Sudong Explosive (<i>see Note</i>), centred on:	1°11·77'N 1°10·86'N	103°41·08'E 103°42·23'E
Insert	legend (<i>see Note</i>), centred on:	1°11·22'N	103°41·67'E
Replace	legend  Sudong Bunkering B with  Sudong Explosive, centred on: existing note, SUDONG EXPLOSIVE ANCHORAGE, with the accompanying note, SUDONG SPECIAL PURPOSE ANCHORAGE, centred on:	1°10·41'N 1°29·2'N	103°42·68'E 103°58·5'E
Insert	limit of fairway, pecked line, joining:	1°12·77'N 1°12·80'N	103°51·03'E 103°51·00'E
Insert	limit of fairway, pecked line, joining:	1°15·74'N 1°15·80'N 1°15·03'N 1°15·75'N 1°15·39'N	103°48·31'E 103°48·21'E 103°47·43'E 103°46·22'E 103°45·68'E
	limit of channel, pecked line, joining:	(a) 1°16·09'N (b) 1°15·96'N (c) 1°15·67'N and (d) 1°15·54'N (e) 1°15·94'N (f) 1°16·05'N (g) 1°16·09'N	103°47·75'E 103°47·95'E 103°48·08'E 103°47·95'E 103°47·90'E 103°47·72'E 103°47·75'E
	legend, Berlayar Ferry Channel , within:	(a) - (g) above	

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NOTICES TO MARINERS AND CHART CORRECTIONS

201	6 Ed 15/9/17 Last NM 12/2018 (Indonesia Notice No. 14/14/18)		NM 24/2018
Amend	light to, Fl.2s6m8M	1°12·49'N	102°09·68'E
	range of light to, 10M	1°11·50'N	102°09·48'E
500	8 Ed 15/9/17 Last NM 13/2018 (Maritime and Port Authority of Singapore)		NM 23/2018
Delete	limit of anchorage pecked line, joining:	1°13·28'N	103°38·47'E
		1°13·06'N	103°38·01'E
		1°13·81'N	103°37·67'E
		1°14·50'N	103°39·15'E
		1°13·78'N	104°39·50'E
Delete	legend  LNG/ LPG/Chemical Gas Carrier, centred on:	1°13·74'N	103°32·49'E
	limit of anchorage, pecked line, joining:	1°11·76'N	103°41·42'E
		1°11·36'N	103°41·08'E
	and	1°11·42'N	103°42·14'E
		1°10·88'N	103°41·73'E
Delete	legend  Sudong Bunkering A, centred on:	1°11·83'N	103°40·91'E
	legend  Sudong Explosives (see Note), centred on:	1°10·87'N	103°42·23'E
Insert	legend (see Note), centred on:	1°11·06'N	103°42·00'E
Replace	legend  Sudong Bunkering B with   Sudong Explosive, centred on:	1°10·38'N	103°42·72'E
	existing note, SUDONG EXPLOSIVE ANCHORAGE, with the accompanying note, SUDONG SPECIAL PURPOSE ANCHORAGE, centred on:	1°23·8'N	103°34·8'E
501	7 Ed 1/9/15 Last NM 14/2018 (Maritime and Port Authority of Singapore)		NM 23/2018
Delete	limit of anchorage pecked line, joining:	1°13·28'N	103°38·47'E
		1°13·06'N	103°38·01'E
		1°13·81'N	103°37·67'E
		1°14·50'N	103°39·15'E
		1°13·78'N	103°39·50'E
Delete	legend  LNG/ LPG/Chemical Gas Carrier, centred on:	1°13·70'N	103°38·44'E
	limit of anchorage, pecked line, joining:	1°11·76'N	103°41·42'E
		1°11·36'N	103°41·08'E
	and	1°11·42'N	103°42·14'E
		1°10·88'N	103°41·73'E
Delete	legend  Sudong Bunkering A, centred on:	1°11·84'N	103°40·78'E
	legend   Sudong Explosive (see Note), centred on:	1°10·89'N	103°42·13'E

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NOTICES TO MARINERS AND CHART CORRECTIONS

Insert	legend (see Note), centred on:	1°11·30'N	103°41·90'E
Replace	legend  Sudong Bunkering B with   Sudong Explosive, centred on:	1°10·37'N	103°42·73'E
	existing note, SUDONG EXPLOSIVE ANCHORAGE, with the accompanying note, SUDONG SPECIAL PURPOSE ANCHORAGE, centred on:	1°01·0'N	103°51·0'E
Delete	limit of fairway, pecked line, joining:	1°12·96'N	103°50·08'E
		1°12·77'N	103°50·22'E
		and	
		1°13·38'N	103°50·66'E
		(shore)	
		1°13·44'N	103°50·62'E
Insert	limit of fairway, pecked line, joining:	1°12·77'N	103°51·03'E
		1°12·80'N	103°51·00'E
Delete	limit of fairway, pecked line, joining:	1°16·00'N	103°47·90'E
		(chart border)	
		1°15·80'N	103°48·21'E
Insert	limit of fairway, pecked line, joining:	1°15·80'N	103°48·21'E
		1°15·03'N	103°47·43'E
		1°15·75'N	103°46·22'E
		1°15·39'N	103°45·68'E
	limit of channel, pecked line, joining:	(a) 1°16·00'N	103°47·90'E
		(chart border)	
		(b) 1°15·96'N	103°47·95'E
		(c) 1°15·67'N	103°48·08'E
		and	
		(d) 1°15·54'N	103°47·95'E
		(e) 1°15·94'N	103°47·90'E
		(f) 1°16·00'N	103°47·80'E
		(chart border)	
	legend, Berlayar Ferry Channel , within:	(a) - (f) above	

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NOTICES TO MARINERS AND CHART CORRECTIONS

502	7 Ed 1/9/15 Last NM 17/2018 (UKHO)		NM 25/2018
Delete	limit of swept area, pecked line, joining:	1°07·00'N (chart border)	104°11·68'E
		1°09·81'N	104°11·87'E
		1°12·00'N	104°09·60'E
		1°12·02'N	104°15·70'E
		1°09·80'N	104°13·56'E
		1°07·00'N	104°12·88'E
Delete	legend, <i>13</i> , centred on:	1°08·05'N	104°12·49'E
	(Indonesia Chart 44)		NM 26/2018
Insert	depth, <i>16₇</i>	1°10·62'N	103°59·49'E
	depth, <i>16₃</i>	1°10·44'N	103°59·27'E
	depth, <i>6₁</i>	1°09·90'N	103°59·44'E
Delete	depth, <i>6₉</i>	1°09·89'N	103°59·48'E
	depth, <i>17₅</i>	1°10·39'N	103°59·07'E

II

TEMPORARY AND PRELIMINARY NOTICES

*(NM 27P/2018)

REVISION OF ANCHORAGES AND FAIRWAYS

1. Amendments to anchorages and fairways under will be implemented from **0001 HOURS, 1 MARCH 2018**.
The new anchorages and fairways are shown in the accompanying diagram.
2. The anchorages and fairways are listed below with their limits both before and after the implementation date. (All positions are referred to WGS84 Datum)

CLOSURE OF LNG/LPG/CHEMICAL GAS CARRIER ANCHORAGE (ALGAS)

Anchorage designation	LIMITS UNTIL 0001 HOURS, 1 MARCH 2018	LIMITS AFTER 0001 HOURS, 1 MARCH 2018
ALGAS	1°13·807'N, 103°37·661'E 1°14·505'N, 103°39·155'E 1°13·780'N, 103°39·501'E 1°13·064'N, 103°38·013'E 1°13·807'N, 103°37·661'E	Anchorage deleted

MERGING OF EXISTING ANCHORAGES INTO SUDONG SPECIAL PURPOSE ANCHORAGE (ASSPU)

Anchorage designation	LIMITS UNTIL 0001 HOURS, 1 MARCH 2018	LIMITS AFTER 0001 HOURS, 1 MARCH 2018
ASUBA	1°12·169'N, 103°40·514'E 1°11·757'N, 103°41·418'E 1°11·365'N, 103°41·081'E 1°11·746'N, 103°40·566'E 1°11·780'N, 103°40·436'E 1°12·169'N, 103°40·514'E	Anchorage deleted
ASSPU	1°11·757'N, 103°41·418'E 1°11·426'N, 103°42·144'E 1°10·884'N, 103°41·732'E 1°10·365'N, 103°41·081'E 1°11·757'N, 103°41·418'E	1°10·388'N, 103°42·402'E 1°10·742'N, 103°42·660'E 1°11·426'N, 103°42·144'E 1°12·169'N, 103°40·514'E 1°11·780'N, 103°40·436'E 1°11·746'N, 103°40·566'E 1°10·388'N, 103°42·402'E
ASUEX	1°11·426'N, 103°42·144'E 1°10·742'N, 103°42·660'E 1°10·388'N, 103°42·402'E 1°10·884'N, 103°41·732'E 1°11·426'N, 103°42·144'E	Anchorage deleted

II

TEMPORARY AND PRELIMINARY NOTICES

RE-DESIGNATION OF SUDONG BUNKERING B ANCHORAGE (ASUBB) TO SUDONG EXPLOSIVE ANCHORAGE(ASUEX)

Anchorage designation	LIMITS AFTER 0001 HOURS, 1 MARCH 2018
ASUEX	1°10·742'N, 103°42·660'E 1°10·065'N, 103°43·171'E 1°09·905'N, 103°43·054'E 1°10·388'N, 103°42·402'E 1°10·742'N, 103°42·660'E

RE-ALIGNMENT OF WEST KEPPEL FAIRWAY (WKF)

Anchorage designation	LIMITS UNTIL 0001 HOURS, 1 MARCH 2018	LIMITS AFTER 0001 HOURS, 1 MARCH 2018
WKF	1°15·391'N, 103°45·677'E 1°15·848'N, 103°46·366'E 1°15·523'N, 103°46·603'E 1°15·189'N, 103°47·159'E 1°16·115'N, 103°47·707'E 1°15·746'N, 103°48·307'E 1°15·595'N, 103°48·392'E 1°14·345'N, 103°47·118'E 1°14·521'N, 103°45·809'E 1°15·391'N, 103°45·677'E	1°15·740'N, 103°48·310'E 1°15·797'N, 103°48·213'E 1°15·027'N, 103°47·429'E 1°15·750'N, 103°46·218'E 1°15·391'N, 103°45·677'E 1°14·521'N, 103°45·809'E 1°14·345'N, 103°47·118'E 1°15·595'N, 103°48·392'E 1°15·740'N, 103°48·310'E

IMPLEMENTATION OF A NEW FERRY CHANNEL “BERLAYAR FERRY CHANNEL” FOR APPROACHES TO PASIR PANJANG FERRY TERMINAL (PPFT)

Anchorage designation	LIMITS FROM 0001 HOURS, 1 MARCH 2018
BERLAYAR FERRY CHANNEL	1°16·090'N, 103°47·750'E 1°15·964'N, 103°47·953'E 1°15·670'N, 103°48·084'E 1°15·539'N, 103°47·950'E 1°15·943'N, 103°47·896'E 1°16·050'N, 103°47·720'E 1°16·090'N, 103°47·750'E

II

TEMPORARY AND PRELIMINARY NOTICES

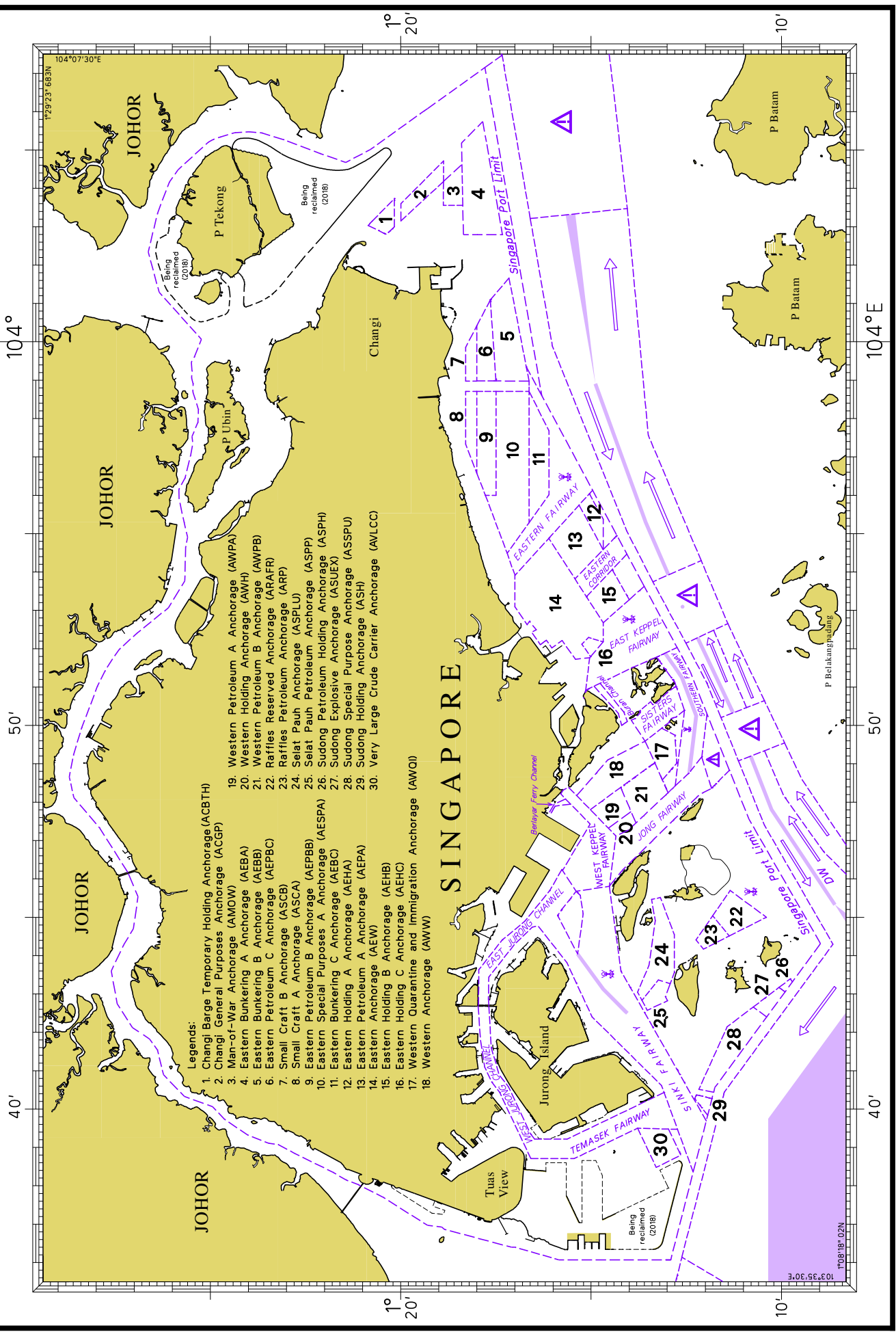
RE-ALIGNMENT OF SISTERS FAIRWAY

Anchorage designation	LIMITS UNTIL 0001 HOURS, 1 MARCH 2018	LIMITS AFTER 0001 HOURS, 1 MARCH 2018
SISTERS FAIRWAY	1°13·580'N, 103°49·592'E	1°12·767'N, 103°51·028'E
	1°13·983'N, 103°50·192'E	1°12·803'N, 103°51·002'E
	1°13·729'N, 103°50·378'E	1°13·016'N, 103°50·845'E
	1°13·392'N, 103°50·654'E	1°13·141'N, 103°50·721'E
	1°12·797'N, 103°51·113'E	1°13·216'N, 103°50·643'E
	1°12·548'N, 103°50·397'E	1°13·289'N, 103°50·582'E
	1°13·580'N, 103°49·592'E	1°13·381'N, 103°50·545'E
		1°13·438'N, 103°50·615'E
		1°13·726'N, 103°50·380'E
		1°13·715'N, 103°50·373'E
		1°13·705'N, 103°50·336'E
		1°13·845'N, 103°50·178'E
		1°13·946'N, 103°50·137'E
		1°13·580'N, 103°49·592'E
		1°13·147'N, 103°49·929'E
		1°13·040'N, 103°50·013'E
		1°12·959'N, 103°50·078'E
		1°12·924'N, 103°50·164'E
		1°12·881'N, 103°50·182'E
		1°12·842'N, 103°50·198'E
		1°12·775'N, 103°50·220'E
		1°12·548'N, 103°50·397'E
		1°12·767'N, 103°51·028'E

3. Charts affected: Singaporean Charts GSP1/SP1, 500, 501, Dual-Badged Charts 4030, 4031, 4034, 4035, 4036, 4037, 4038, 4039, 4040 and 4041
4. For further information, consult the local authorities and see the relevant Singapore Port Marine Notices/Circulars available at the MPA website:
<http://www.mpa.gov.sg/web/portal/home/port-of-singapore/circulars-and-notices>
5. These changes will be included in the next New Edition of Dual-Badged Charts.

Note: Former Notice 18P/2018 has been cancelled.

*Source: Maritime and Port Authority of Singapore



II

TEMPORARY AND PRELIMINARY NOTICES

(NM 28T/2018)

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 Sectors 3 to 9).
- Planned Survey Period** : From 5th March 2018 to 5th September 2018, Daylight hours only
- Survey vessel and Callsign** : **SSE DELPHINA (ESU3228)** - 12th March to 5th September 2018
MATA IKAN (9V5902) - 5th March to 11th March 2018 only
- 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 Singapore 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-37	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 8' 38.917"	103° 44' 17.378"	5 th March 2018
B	1° 10' 26.869"	103° 47' 23.770"	
C	1° 10' 28.853"	103° 47' 28.728"	
D	1° 10' 13.264"	103° 47' 39.903"	
E	1° 8' 17.825"	103° 44' 34.429"	

Coordinate of Survey area A-36	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 11' 40.554"	103° 39' 46.740"	6 th March 2018 to 8 th March 2018
B	1° 11' 30.010"	103° 40' 26.948"	
C	1° 8' 45.299"	103° 44' 8.542"	
D	1° 8' 16.512"	103° 43' 47.363"	
E	1° 11' 18.278"	103° 39' 42.492"	

Coordinate of Survey area A-33	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 12' 59.324"	103° 34' 40.629"	8 th March 2018 to 11 th March 2018
B	1° 11' 40.554"	103° 39' 46.740"	
C	1° 11' 18.278"	103° 39' 42.492"	
D	1° 11' 42.653"	103° 35' 13.309"	
E	1° 11' 51.283"	103° 34' 35.102"	
F	1° 11' 51.714"	103° 34' 19.167"	

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TEMPORARY AND PRELIMINARY NOTICES

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:

2.

Coordinate of Survey area A-26	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 18' 46.626"	103° 21' 36.997"	13 th March 2018 to 16 th March 2018
B	1° 17' 1.179"	103° 23' 24.541"	
C	1° 14' 58.851"	103° 22' 56.305"	
D	1° 15' 9.127"	103° 22' 14.109"	
E	1° 16' 6.537"	103° 21' 3.202"	

Coordinate of Survey area A-25	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 19' 7.893"	103° 16' 46.813"	16 th March 2018 to 22 nd March 2018
B	1° 15' 21.977"	103° 20' 55.924"	
C	1° 16' 2.640"	103° 17' 41.317"	
D	1° 17' 51.709"	103° 15' 38.402"	

Coordinate of Survey area A-24	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 20' 23.600"	103° 19' 59.898"	22 nd March 2018 to 27 th March 2018
B	1° 18' 46.626"	103° 21' 36.997"	
C	1° 16' 6.537"	103° 21' 3.202"	
D	1° 18' 1.900"	103° 18' 40.700"	

Coordinate of Survey area A-23	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 23' 11.695"	103° 12' 17.810"	28 th March 2018 to 4 th April 2018
B	1° 19' 7.893"	103° 16' 46.813"	
C	1° 17' 51.709"	103° 15' 38.402"	
D	1° 21' 59.526"	103° 10' 59.804"	

Coordinate of Survey area A-22	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 27' 24.900"	103° 12' 39.612"	4 th April 2018 to 30 th April 2018
B	1° 25' 29.513"	103° 14' 53.772"	
C	1° 20' 23.600"	103° 19' 59.898"	
D	1° 18' 1.900"	103° 18' 40.700"	
E	1° 23' 11.695"	103° 12' 17.810"	
F	1° 24' 59.630"	103° 10' 38.187"	

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TEMPORARY AND PRELIMINARY NOTICES

Coordinate of Survey area A-21	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 31' 36.945"	102° 55' 33.431"	1 st May 2018 to 16 th May 2018
B	1° 25' 11.792"	103° 9' 14.356"	
C	1° 23' 11.695"	103° 12' 17.810"	
D	1° 21' 59.526"	103° 10' 59.804"	
E	1° 31' 23.870"	102° 55' 23.542"	
Coordinate of Survey area A-19	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 42' 3.857"	102° 50' 59.717"	18 th May 2018 to 15 th July 2018
B	1° 38' 8.699"	103° 00' 8.147"	
C	1° 37' 32.779"	103° 00' 47.414"	
D	1° 36' 15.503"	103° 00' 7.769"	
E	1° 26' 12.801"	103° 11' 39.347"	
F	1° 24' 59.630"	103° 10' 38.187"	
G	1° 40' 53.875"	102° 50' 34.136"	
Coordinate of Survey area A-20	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 37' 55.109"	102° 46' 37.165"	17 th July 2018 to 25 th July 2018
B	1° 32' 10.823"	102° 55' 59.046"	
C	1° 31' 23.870"	102° 55' 23.542"	
D	1° 37' 4.272"	102° 46' 2.766"	
Coordinate of Survey area A-18	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 46' 2.675"	102° 42' 11.398"	25 th July 2018 to 1 st August 2018
B	1° 42' 3.857"	102° 50' 59.717"	
C	1° 41' 15.396"	102° 50' 41.998"	
D	1° 45' 35.933"	102° 42' 3.380"	
Coordinate of Survey area A-17	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 51' 2.315"	102° 31' 10.598"	1 st August 2018 to 5 th August 2018
B	1° 49' 59.263"	102° 33' 32.434"	
C	1° 46' 50.792"	102° 35' 6.860"	
D	1° 47' 42.721"	102° 33' 7.105"	

II

TEMPORARY AND PRELIMINARY NOTICES

Coordinate of Survey area A-16	Latitude (N)	Longitude (E)	Planned Survey Period
A	1° 53' 28.492"	102° 23' 16.332"	6 th August 2018 to 8 th August 2018
B	1° 51' 57.963"	102° 26' 6.548"	
C	1° 50' 46.786"	102° 25' 29.744"	
D	1° 52' 11.389"	102° 22' 34.551"	

Coordinate of Survey area A-45	Latitude (N)	Longitude (E)	Planned Survey Period
A	2° 1' 46.039"	102° 10' 19.431"	10 th August 2018
B	2° 1' 46.039"	102° 11' 11.381"	
C	2° 1' 4.190"	102° 11' 11.381"	
D	2° 1' 4.190"	102° 10' 19.431"	

Coordinate of Survey area A-44	Latitude (N)	Longitude (E)	Planned Survey Period
A	2° 8' 18.550"	102° 2' 31.880"	10 th August 2018
B	2° 8' 18.550"	102° 3' 25.274"	
C	2° 7' 30.029"	102° 3' 25.274"	
D	2° 7' 30.029"	102° 2' 31.880"	

Coordinate of Survey area A-15	Latitude (N)	Longitude (E)	Planned Survey Period
A	2° 19' 48.725"	101° 50' 10.849"	11 th August 2018 to 5 th September 2018
B	2° 13' 4.180"	101° 58' 51.962"	
C	2° 11' 17.331"	101° 57' 29.204"	
D	2° 18' 14.240"	101° 48' 33.058"	

3. Charts affected: Singaporean GSP1/SP1, 200, 201, 202, 500, 501, Dual-Badged 4030, 4031, 4036, 4038 4039 and 4040.
4. ENCs affected: SG5C4030, SG5C4031, SG5C4036, SG5C4039, MS4IK2RL, MS4BR2JS, MS3IK2EB and MS3RS2FC.
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.

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 29/2018)

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**

8/2018	Installation and Maintenance of Silt Barricades off Tuas Western Coast
9/2018	Works off West of Jurong Island
10/2018	Testing of autonomous surface vehicle off east of St John's Island
11/2018	Construction of Breakwater off Tanah Merah Ferry Terminal
13/2018	Reclamation work off Changi East
15/2018	Works at Tuas Terminal Phase 1
17/2018	Anchoring of Vessels off Tuas View Extension
18/2018	Exercising safety and vigilance during festive seasons

PMC No.**Subject**

2/2018	Revision of Anchorages, Fairways and Channels in Port
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*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 30/2018) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2018/2019”

1. Page 73

PILOT BOARDING AND DISEMBARKATION GROUNDS

Amend the following:

- (f) **Western Boarding Ground “B” (PWBGB) - in position: Latitude 01°12'027"N Longitude 103°39'481"E, (For chemical and gas carriers bound for the ASSPU anchorage and facilities located in the western side of Singapore).**

2. Page 95

Annex A

Delete the following:

Name of Anchorages
LNG/LPG/Chemical Gas Carrier Anchorage (ALGAS)

ANCHORAGES AND FAIRWAYS IN THE PORT

3. Page 100

Eastern Special Purposes A Anchorage

Amend the following:

For vessels under arrest, damaged vessels, deep draught vessels, vessels requiring repairs, chemical tankers that do not have safety¹ hazard cargo on board as listed in chapter 17 of the IBC Code and other vessels with prior permission of the Port Master. Height restriction limit is applicable. Vessels greater than 49 metre in height are not allowed to anchor within the 49 metre height restriction area limits as demarcated on the navigational chart.

¹Cargo/product under Safety Hazards which include health, reactivity and fire hazards as defined by International Bulk Chemical Code.

III AMENDMENTS TO PUBLICATIONS

ANCHORAGES AND FAIRWAYS IN THE PORT

4. Page 102

Replace the whole page with the following section :

C JURONG SECTOR

26 Sudong Petroleum Holding Anchorage

For port limit tankers waiting to service vessels at Sudong anchorages and tugs with barges tow requiring immigration clearance.

27 Sudong Explosive Anchorage

For vessels and small craft loading or discharging explosives and Group 1 dangerous goods, and vessels in transit with such cargo on board and other vessels as directed by the Port Master.

28 Sudong Special Purpose Anchorage

For Liquefied Natural Gas (LNG) vessels, Liquefied Petroleum Gas (LPG) vessels, non-gas free LNG vessels, non-gas free LPG vessels, non-gas free chemical tankers, chemical tankers with safety hazard² cargo on board as listed in chapter 17 of IBC Code, oil tankers requiring immigration clearance, and other vessels as directed by the Port Master.

²Cargo/product under Safety Hazards which include health, reactivity and fire hazards as defined by International Bulk Chemical Code.

29 Sudong Holding Anchorage

Temporary holding anchorage with prior permission of the Port Master.

30 Very Large Crude Carrier Anchorage

For VLCCs loaded with crude oil.

III AMENDMENTS TO PUBLICATIONS

LEAST DEPTH OF ANCHORAGES

3. Page 105

B WESTERN SECTOR

Replace whole table with the following table:

No.	Anchorage	Depth (m)	Latitude (N) Longitude (E)
17	Western Quarantine and Immigration (AWQI)	11.5	1°12.984' 103°49.816'
18	Western (AWW)	15.6	1°15.141' 103°48.289'
19	Western Petroleum A (AWPA)	20.6	1°14.165' 103°48.266'
20	Western Holding (AWH)	21.1	1°13.989' 103°47.515'
21	Western Petroleum B (AWPB)	19.4	1°14.039' 103°48.404'
22	Raffles Reserved (ARAFR)	11.6	1°11.623' 103°45.277'
23	Raffles Petroleum (ARP)	11.1	1°12.145' 103°44.502'
24	Selat Pauh (ASPLU)	12.1	1°12.988' 103°43.486'
25	Selat Pauh Petroleum (ASPP)	7.0	1°13.190' 103°42.965'
26	Sudong Petroleum Holding (ASPH)	21.7	1°09.916' 103°43.112'
27	Sudong Explosive (ASUEX)	19.5	1°10.200' 103°42.765'
28	Sudong Special Purpose (ASSPU)	20.7	1°10.502' 103°42.335'
29	Sudong Holding (ASH)	23.1	1°12.048' 103°39.977'

III AMENDMENTS TO PUBLICATIONS

LEAST DEPTH OF ANCHORAGES

4. Page 105

C JURONG SECTOR

Replace whole table with the following table:

No.	Anchorage	Depth (m)	Latitude (N) Longitude (E)
30	Very Large Crude Carrier (AVLCC)	22.6	1°13.562' 103°39.177'
	Note: (High spot of 21.1 exisis approximately 241° x 659m from Temasek Buoy)		1°13.609' 103°39.189'

CHARACTERISTICS OF AIDS TO NAVIGATION

5. Page 134

TEMASEK FAIRWAY

Amend the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
Jurong Dua Buoy	01°15.012' 103°39.597'	Green conical	Fl.G.4s	M/S Diap - Shap JV

6. Page 152

APPROACHES TO TANJONG BELUNGKOR

Amend the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
Neville Rock Beacon	01°26.668' 104°02.729'	Red (Day Mark) on white column with 'NR' mark	Fl(2)R.5s15m10M	-

III AMENDMENTS TO PUBLICATIONS

WHARVES AND BERTHS

7. Page 162

16 JURONG ISLAND - BANYAN BASIN (HORIZON SINGAPORE TERMINALS PTE LTD)
(1°14.7'N, 103°41.4'E)

Amend the following:

Berth	Length of Berth Box	Max LOA	Min LOA	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OBH 1	367m	333m	-	16.8m (2017)	16.5m from Sinki Fairway and 14.9m from Selat Pandan
OBH 2	275m	250m	-	14.6m (2017)	
OBH 3	267m	200m	-	15.6m (2017)	
OBH 4	267m	200m	-	15.6m (2017)	

8. Page 164

24 JURONG ISLAND (PETROCHEMICAL CORPORATION OF SINGAPORE)
(1°15.9'N, 103°43.0'E)

Amend the following:

Berth	Length of Berth Box	Max LOA	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OPCS1	41m	41m	1.6m (2017)	2.5m
OPCS3	130m	130m	10.2m (2017)	10.0m
OPCS4	140m	140m	11.9m (2017)	12.0m
OPCS5	140m	140m	12.1m (2017)	11.9m
OPCS6	285m	259m	14.2m (2017)	12.9m
OPCBA	117m	100m	3.0m (2017)	3.0m

III AMENDMENTS TO PUBLICATIONS

9. Page 168

36 PULAU SEBAROK (SINGAPORE CLEANSEAS PTE LTD) (1°12·5'N, 103°47·5'E)

Amend the following:

Berth	Length of Berth Box	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OSEP1	165m	13.6m (2017)	15.3m

Delete the following:

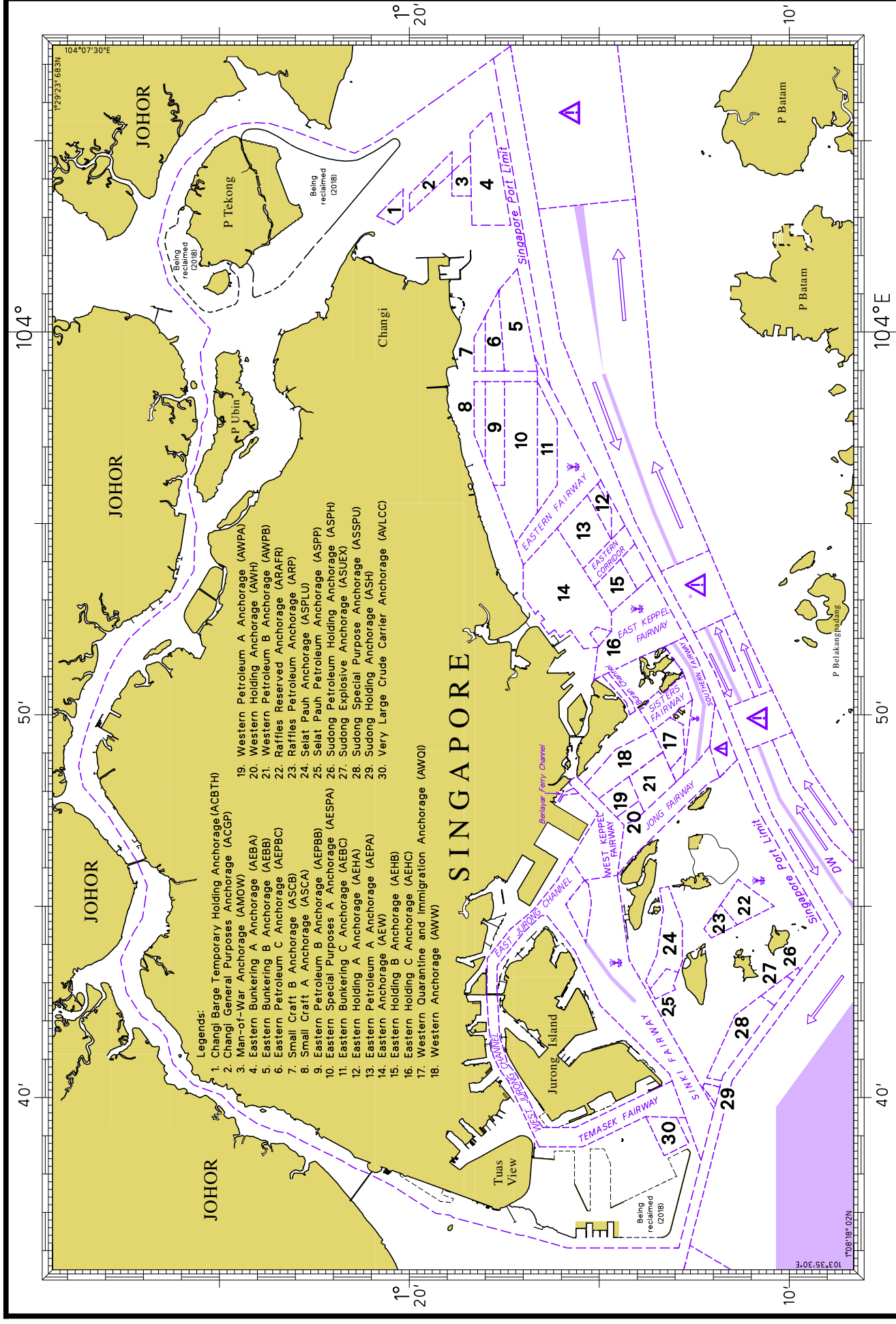
Berth	Length of Berth Box	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OSEBP	72m	5.5m (1990)	15.3m

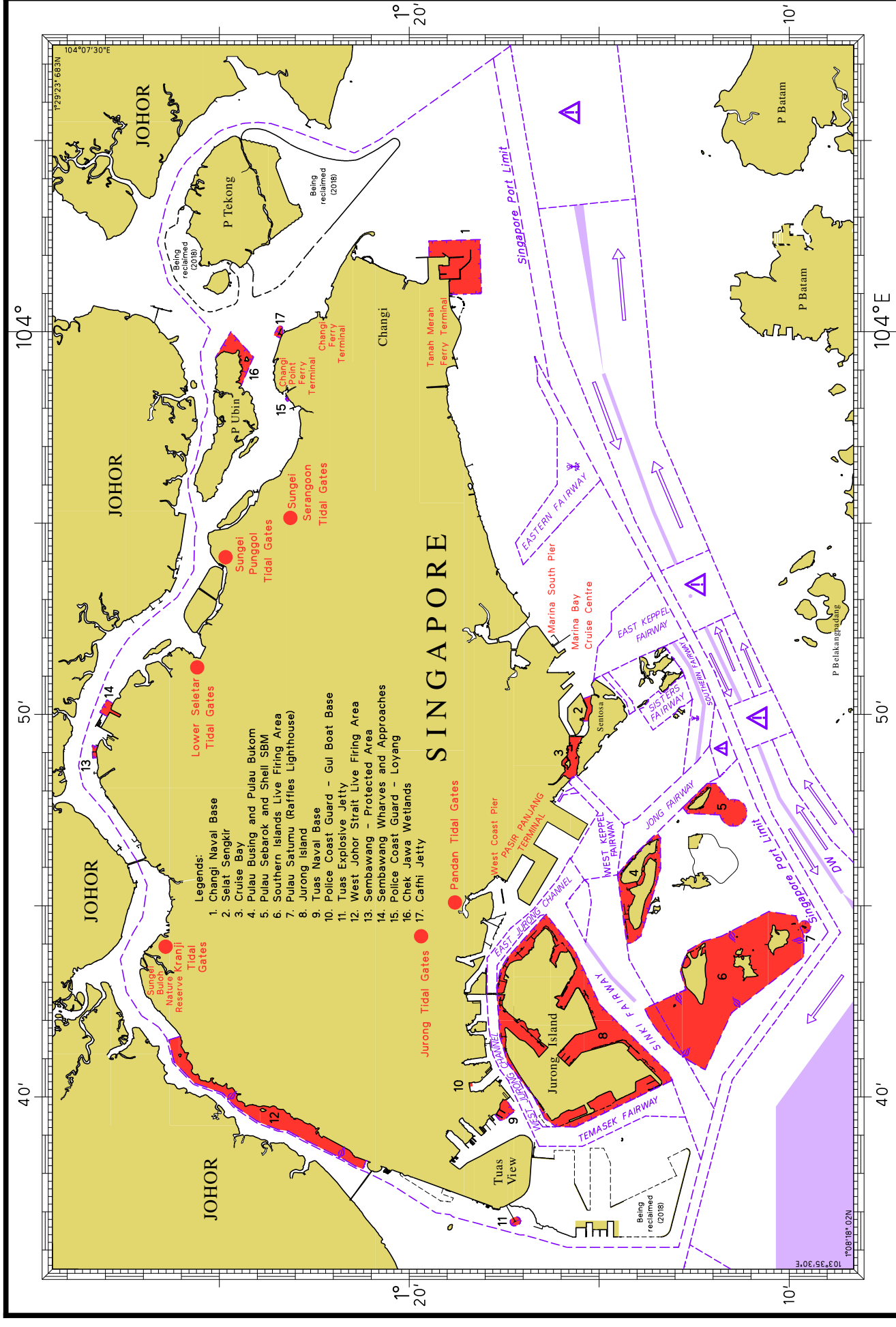
10. Page 103

Replace Chartlet on Page 103 with the attached Chartlet
(PORT OF SINGAPORE - ANCHORAGES AND FAIRWAYS)

11. Page 108

Replace Chartlet on Page 108 with the attached Chartlet
(PORT OF SINGAPORE - PROHIBITED AREAS)





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 AREA EXIST. VESSELS ARE REMINDED TO PROCEED AT SAFE SPEED AND MAINTAIN A PROPER LOOKOUT, 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 INTERNATIONAL COLLISION REGULATIONS AND 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 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 SITUATION AWARENESS FOR OTHER TRAFFIC IN THE VICINITY. EXAMPLE TO INDICATE SG-PEBGB.

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 OF THE SINGAPORE STRAIT TSS AND TO 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 COLLISION REGULATIONS.

TT430 (AMENDED ON 29 DEC 2017 0152Z)

THE FOLLOWING ATONS AIS/RACONS ARE TEMPORARILY REMOVED FOR UPGRADING.

ATONS WITH AIS TEMPORARILY REMOVED FOR UPGRADING:

1. ANGLER BUOY
2. BANYAN BEACON
3. MALANG PAPAN BEACON
4. RASU BUOY
5. RAFFLES LIGHTHOUSE
6. SAKIJANG BEACON
7. SELEGI BEACON

ATONS WITH RACON TEMPORARILY REMOVED FOR UPGRADING:

1. CYRENE BEACON
2. HORSBURGH LIGHTHOUSE
3. RAFFLES LIGHTHOUSE
4. SEREBUT BEACON
5. SULTAN SHOAL LIGHTHOUSE

MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION.

IV

REPRINT OF MARITIME SAFETY INFORMATION

TT437

ALL VESSELS IN SEMBAWANG WHARVES LOCATION ARE TO CHECK YOUR 121.5MHZ ALERT SYSTEM. PLEASE STOP EMITTING YOUR 121.5MHZ DISTRESS ALERT IF YOU ARE NOT IN DISTRESS TO PREVENT INTERFERENCE TO AIRSPACE FREQUENCY.

TT439

EASTERN BUOY FL.R.5s IN POSN LAT 1°17'863"N 104°05'896"E IS MISSING. VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT440

A NUMBER OF UNKNOWN VESSELS ARE OBSERVED ANCHORED IN THE TSS/PRECAUTIONARY AREA SOUTH OF T RAMUNIA AT APPROXIMATE POSITION 1°17'91"N 104°14'92"E. ALL VESSELS ARE ADVISED TO KEEP A GOOD LOOKOUT AND PROCEED WITH CAUTION WHEN PASSING THIS AREA IN THE SINGAPORE STRAIT.

TT454

CS ASEAN EXPLORER WILL BE CONDUCTING CABLE REPAIR OPERATIONS FROM 24 FEB 2018 TO 02 MAR 2018 (24 HOUR OPERATION) WITHIN THE GIVEN COORDINATES:

- A) 1°18'209"N 104°14'214"E
- B) 1°18'296"N 104°15'283"E
- C) 1°18'700"N 104°14'695"E
- D) 1°18'258"N 104°14'750"E

VESSELS PASSING THE VICINITY ARE ADVISED TO KEEP WELL CLEAR OF THE WORKING AREA, PROCEED AT SAFE SPEED AND TO NAVIGATE WITH CAUTION.

TT961

VESSELS INTENDING TO CROSS THE TRAFFIC SEPERATION 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 REPORTED IN THE SINGAPORE STRAIT. ALL VESSELS ARE REMINDED TO MAINTAIN A PROPER LOOK-OUT AND REPORT ANY SUSPICIOUS CRAFT TO VTIS SINGAPORE.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 25th February 2018)

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

These notices can also be accessed directly from UKHO Website:

<https://www.admiralty.co.uk/maritime-safety-information/admiralty-notice-to-mariners>

847 SINGAPORE - Johor Strait - Note.

Source: UKHO

Chart 4038 [previous update 387/18] WGS84 DATUM

Insert the accompanying note, centred on: 1°19·25'N 103°39·92'E

Updated to Admiralty Notices to Mariners No. 8 of 2018 dated 22nd February 2018

To accompany Notices to Mariners

On Chart GSP1/SP1

SUDONG SPECIAL PURPOSE ANCHORAGE
(1°11·2'N, 103°41·7'E)

Entry into this area is prohibited to all vessels over 47 metres high.

To accompany Notices to Mariners

On Chart 500

SUDONG SPECIAL PURPOSE ANCHORAGE
(1°11·1'N, 103°42·0'E)

Entry into this area is prohibited to all vessels over 47 metres high.

To accompany Notices to Mariners

On Chart 501

SUDONG SPECIAL PURPOSE ANCHORAGE
(1°11·3'N, 103°41·9'E)

Entry into this area is prohibited to all vessels over 47 metres high.

To accompany Notice to Mariners 847/18

On Chart 4038

SINGAPORE NOTICES TO MARINERS
The Maritime and Port Authority of Singapore publish
Singapore Notices to Mariners, Port Marine Notices and
Port Marine Circulars which may affect the area
covered by this chart. They are available at
www.mpa.gov.sg

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 :

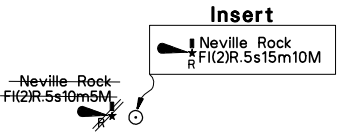
Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

Name and Signature :

Ship's/Company's Stamp :

104°05'



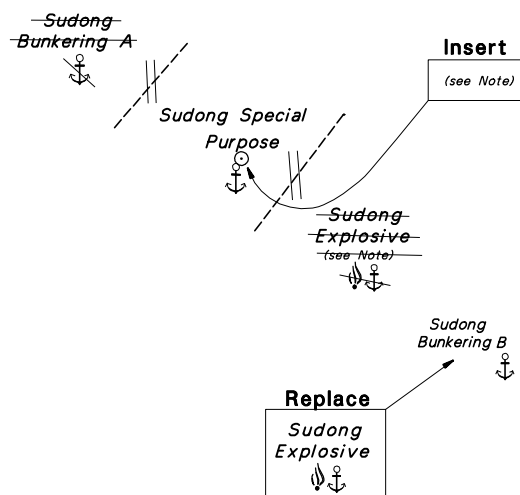
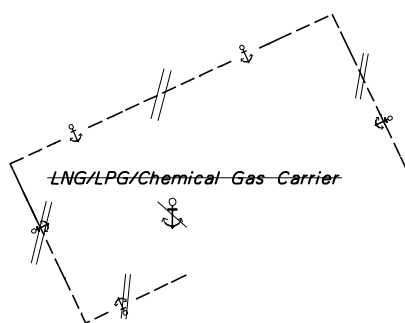
1°25'N

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
						X
22	3/2018	9/2018	GSP1/SP1			

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

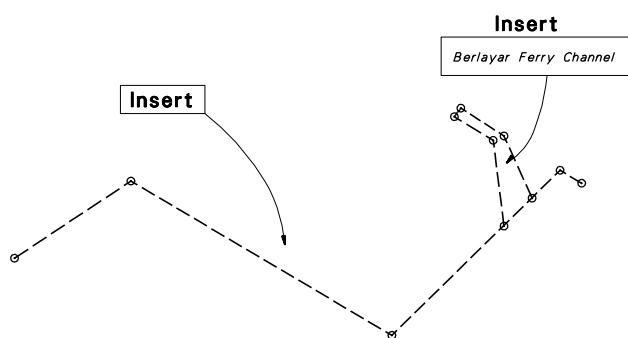
103°40'E

1°15'N



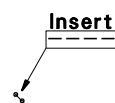
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23	3/2018	22/2018	GSP1/SP1	X		

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



103°50'E

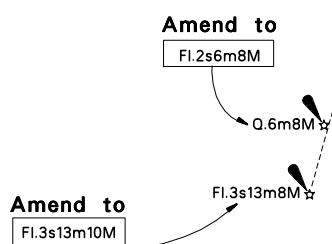
1°15'N



CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
23	3/2018	22/2018	GSP1/SP1		X	

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

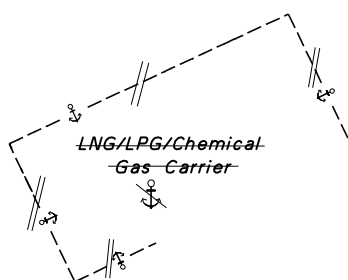
1°20'N



102° 20'

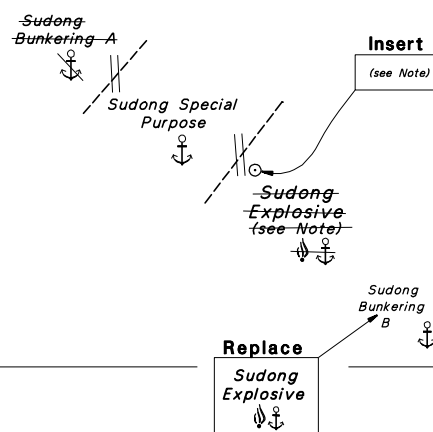
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
24	3/2018	12/2018	201	X		

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



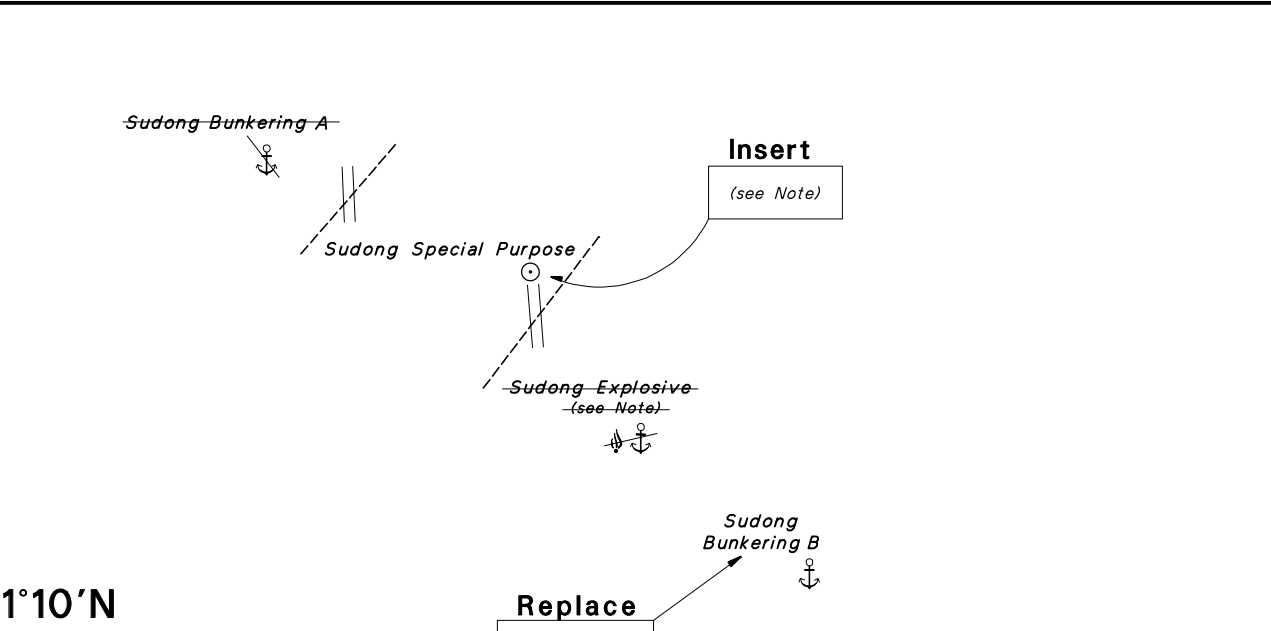
103°40'E

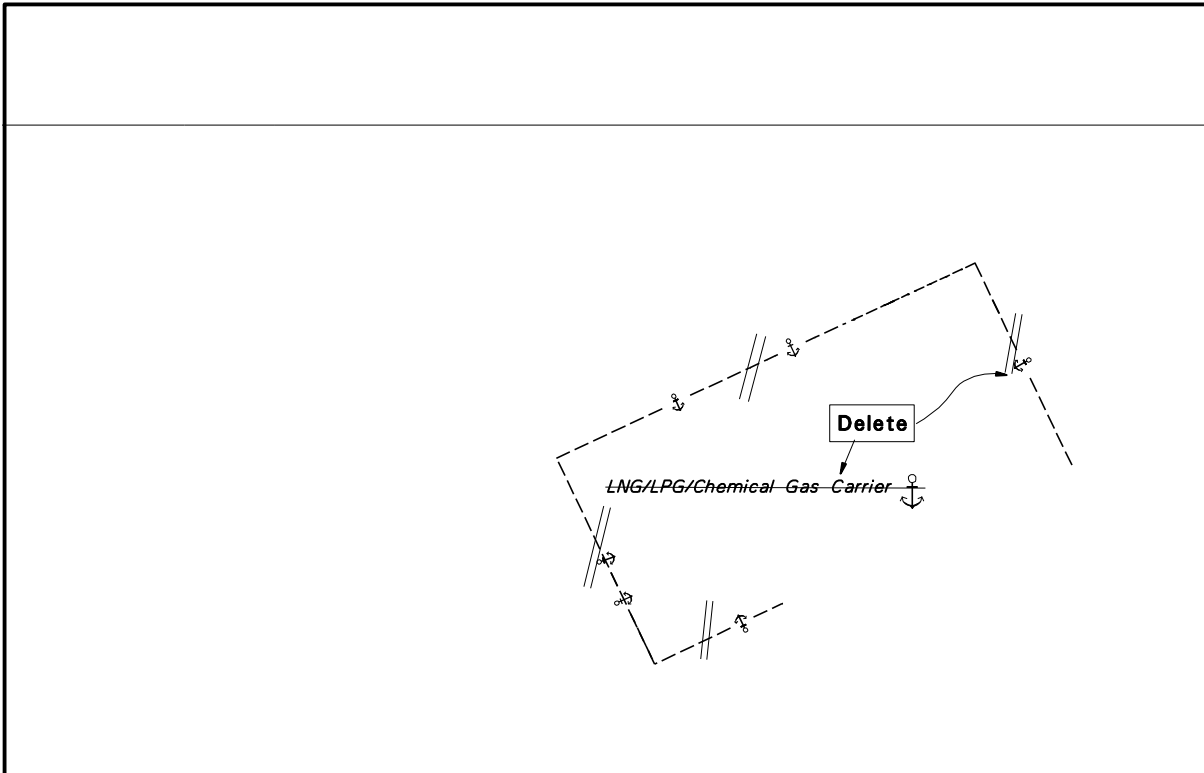
1°10'N



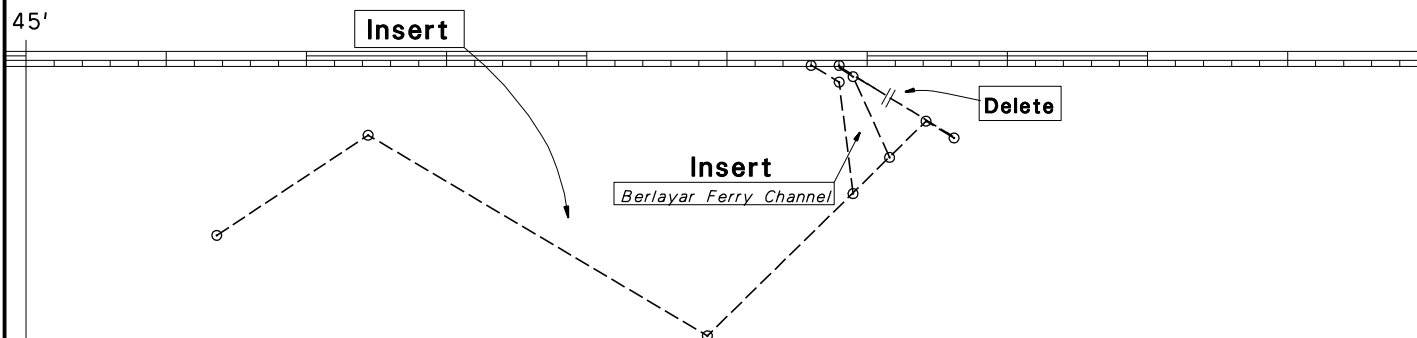
CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
23	3/2018	13/2018	500			X

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°10'N			
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart
23	3/2018	14/2018	501	X

				1°15'N
				103°40'E
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart
23	3/2018	14/2018	501	X

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



1°15'N

103°45'E

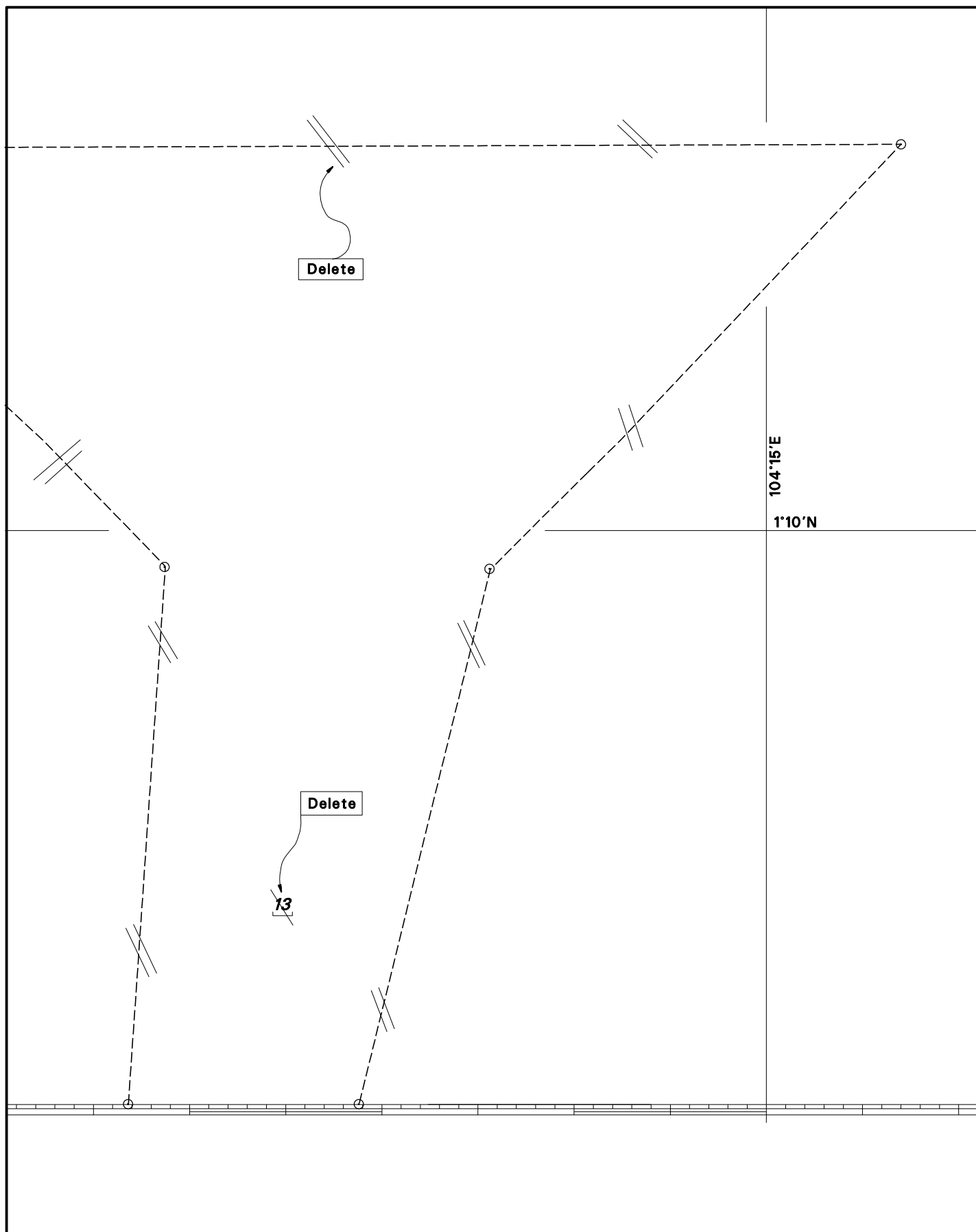
CORRECTION NO.	SNM EDN NO.	LAST CORRNO NO.	CHART NO.	Location on Chart		
						X
23	3/2018	14/2018	501			

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

1°10'N

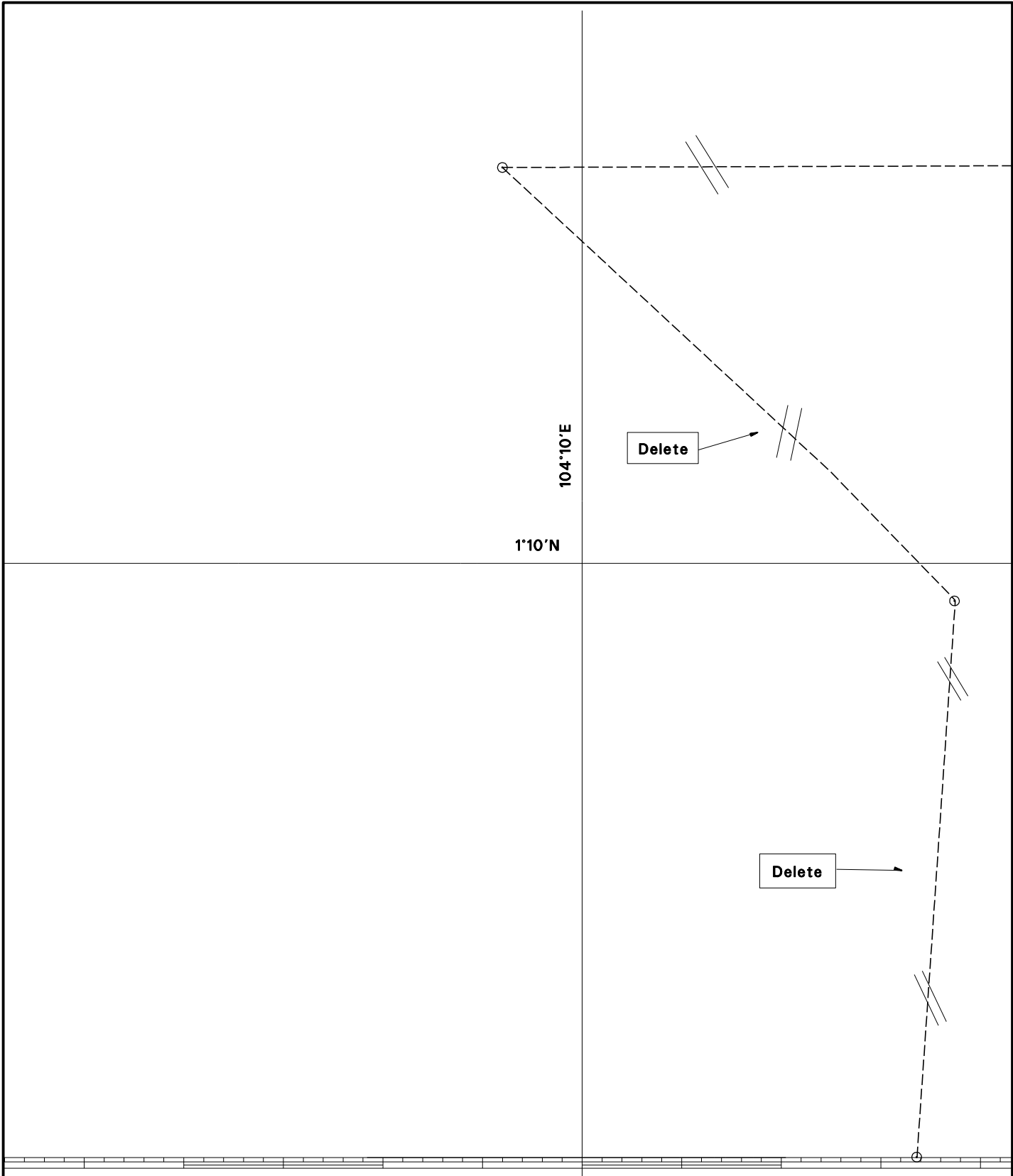
CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
						X
23	3/2018	14/2018	501			

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



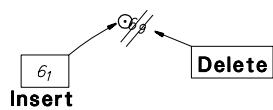
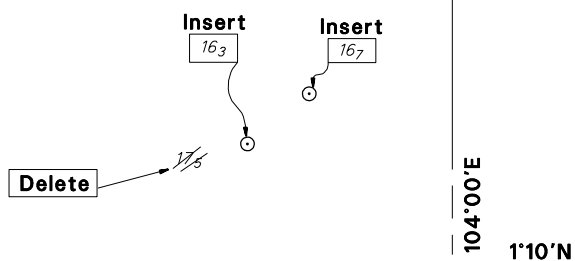
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
25 (sheet 1)	3/2018	17/2018	502			X

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		
25 (sheet 2)	3/2018	17/2018	502			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		
26	3/2018	25/2018	502		X	

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