



## 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](http://www.mpa.gov.sg)

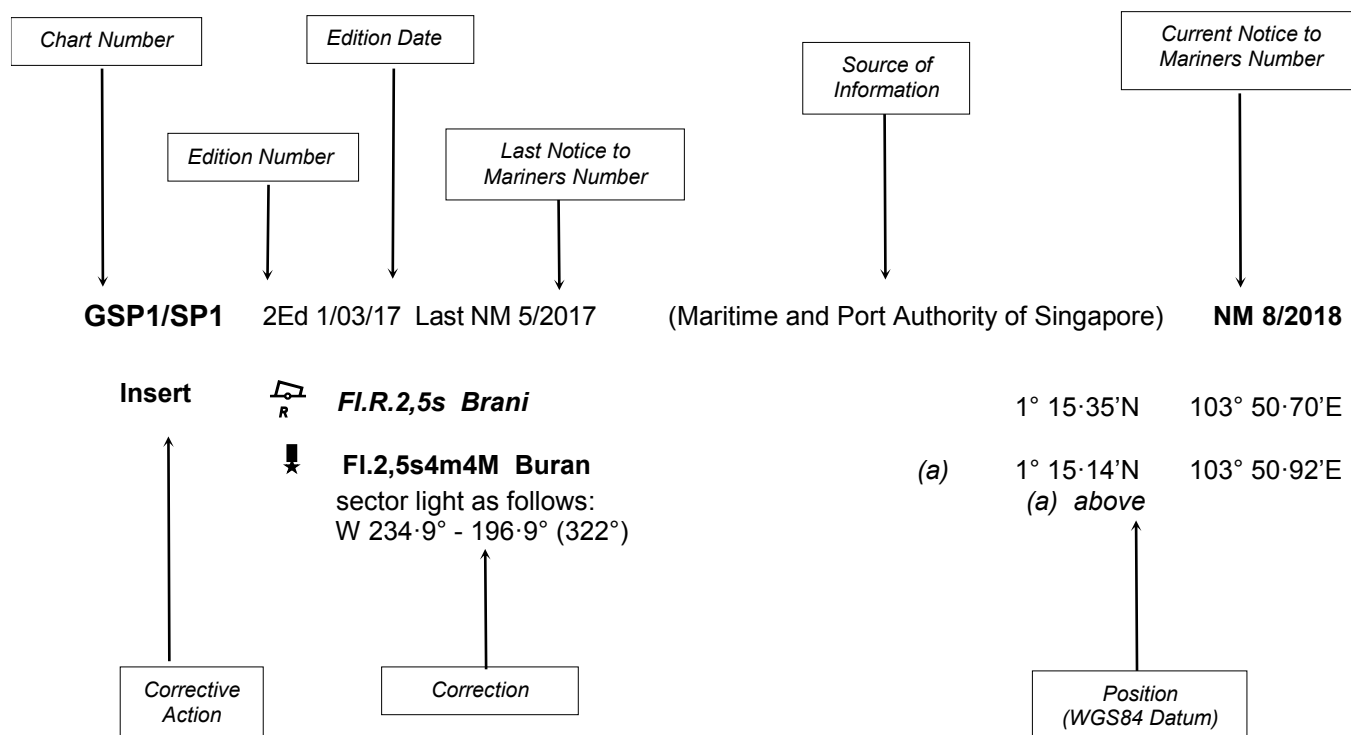
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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## EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



### Notes:

- 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**

**INDEX OF AFFECTED CHARTS**

DESCRIPTION	NOTICE NO.	PAGE NO.
New Charts and Publications	-	3
Singapore Port Information 2018/2019	-	4, 5
Singaporean Chart GSP1/SP1	*9	6
Singaporean Chart 200	10, 11	6
Singaporean Chart 201	12	6
Singaporean Chart 500	*13	6
Singaporean Chart 501	*13, *14	7
Singaporean Chart 502	*15, *16, 17	7
Temporary and Preliminary Notices	*18P	8 to 10
Singapore Port Marine Notices/Circulars	*19	11
Amendments to Publications	*20	12 to 15
Reprint of Maritime Safety Information	-	16 to 18
Extract of Admiralty Notices to Mariners for Dual-Badged Charts	-	19 to 23

\*Source: Maritime and Port Authority of Singapore

I  
**AFFECTED CHARTS AND PUBLICATIONS**

**INDEX OF NOTICES**

<b>NOTICE NO.</b>	<b>DESCRIPTION</b>	<b>PAGE NO.</b>
-	New Charts and Publications	3
-	Singapore Port Information 2018/2019	4, 5
*9	Singaporean Chart GSP1/SP1	6
10, 11	Singaporean Chart 200	6
12	Singaporean Chart 201	6
*13	Singaporean Chart 500	6
*13, *14	Singaporean Chart 501	7
*15, *16, 17	Singaporean Chart 502	7
*18P	Temporary and Preliminary Notices	8 to 10
*19	Singapore Port Marine Notices/Circulars	11
*20	Amendments to Publications	12 to 15
-	Reprint of Maritime Safety Information	16 to 18
-	Extract of Admiralty Notices to Mariners for Dual-Badged Charts	19 to 23

\*Source: Maritime and Port Authority of Singapore

## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPOREAN CHARTS PUBLISHED ON 15<sup>th</sup> JANUARY 2018

<b>Chart Number</b>	:	*GSP1
<b>Title</b>	:	Anchorage and Aids to Navigation
<b>Coverage</b>	:	Lat 01° 06·43' N      01° 29·40' N Long 103° 34·00' E      104° 08·10' E
<b>Scale</b>	:	1 : 65 000
<b>Date Published</b>	:	15 <sup>th</sup> January 2018
<b>Size of Chart</b>	:	973.2 x 651.3 mm
<b>Description</b>	:	This new edition includes new changes to aids to navigation, working areas, submarine cables, depth contours from the latest surveys covering west of Tuas View Reclamation, Temasek Fairway, Sinki Fairway, Sungei Pandan, West Keppel Fairway, Western Anchorages, Sudong Anchorages, Southern Fairway, Eastern Fairway, East Johor Strait and around Pulau Tekong.
		The existing chart of the same number published on 1 <sup>st</sup> March 2017 has been superseded.

\*This chart is provided with a grid reference.

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<b>Chart Number</b>	:	SP1
<b>Title</b>	:	Anchorage and Aids to Navigation
<b>Coverage</b>	:	Lat 01° 06·43' N      01° 29·40' N Long 103° 34·00' E      104° 08·10' E
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		The existing chart of the same number published on 1 <sup>st</sup> March 2017 has been superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPORE PORT INFORMATION 2018/2019 PUBLISHED ON 1<sup>st</sup> JANUARY 2018



#### Summary of Publication

This publication contains Port Information such as:

#### 1. Routeing and Reporting Information

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

#### 2. Pilotage and Pilotage Exemption Information

- \* Pilotage
- \* Pilotage Exemption Course

#### 3. Port Clearances and Reporting Procedures

- \* Port health clearances procedures for vessels arriving Singapore
- \* Port clearance formalities for arriving and departing vessels
- \* Reporting of marine incidents in port
- \* Dissemination of passage plan to shipmasters
- \* Conduct of mandatory port limit courses
- \* Facilities for the collection of garbage from ships in Singapore
- \* Singapore Port Dues

#### 4. Navigational Information

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

#### 5. Information on Aids to Navigation

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

## II NEW CHARTS AND PUBLICATIONS

### 6. Information on Wharves, Docks and Berths

### 7. Communication - International Code of Signals

### 8. Nautical Services and Products

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

#### **It will be useful for the following users:**

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

#### **Frequency/Year of Publication**

Once every 2 years







This publication can be purchased at any of our MPA Nautical Chart and Publications Distributors:

Information on our MPA Nautical Chart and Publications Distributors: can be found on the following link:

<http://www.mpa.gov.sg/web/portal/home/media-centre/publications/singapore-port-information>

## II





## NOTICES TO MARINERS AND CHART CORRECTIONS

<b>GSP1/SP1</b>	3 Ed 15/1/18 <i>New Edition</i>	(Maritime and Port Authority of Singapore)	<b>NM 9/2018</b>
<b>Insert</b>	 <b>Fl. Y. 6s NEA-TUA</b>	1°16'83"N	103°36'64"E
<hr/>			
<b>200</b>	4 Ed 1/9/15 Last NM 4/2018	(Malaysia Marine Department Notice No. 88/17)	<b>NM 10/2018</b>
<b>Delete</b>	 <b>Fl. Y. 5s</b>	2°47'53"N	101°20'00"E
	 <b>Fl. Y. 10s</b>	2°45'00"N	101°20'00"E
	 <b>Fl(4)Y. 10s</b>	2°43'50"N	101°23'00"E
	(Royal Malaysian Navy Notice No. 11/204/17)		<b>NM 11/2018</b>
<b>Insert</b>	harbour limit, pecked line, joining:	2°24'25"N	101°51'11"E
		(shore)	
		2°23'00"N	101°50'30"E
		(a) 2°19'37"N	101°55'20"E
<b>Delete</b>	harbour limit, pecked line, joining:	2°23'73"N	101°58'40"E
		(shore)	
		(a) above	
<b>Delete</b>	legend, <i>Linggi Harbour Limit</i> , centred on:	2°16'88"N	101°58'71"E
<b>Insert</b>	legend, <b><i>Linggi Harbour Limit</i></b> , close N of:	(a) above	
<hr/>			
<b>201</b>	6 Ed 15/9/17 Last NM 122/2017	(Royal Malaysian Navy Notice No. 12/217/17)	<b>NM 12/2018</b>
<b>Insert</b>	 <b>Wk</b>	1°52'02"N	102°28'84"E
<hr/>			
<b>500</b>	8 Ed 15/9/17 Last NM 102/2017	(Maritime and Port Authority of Singapore)	<b>NM 13/2018</b>
<b>Insert</b>	 <b>Fl. Y. 6s Xinsha-1</b>	1°13'30"N	103°38'48"E



## II

## NOTICES TO MARINERS AND CHART CORRECTIONS

<b>501</b>	7 Ed 1/9/15 Last NM 3/2018	(Maritime and Port Authority of Singapore)	<b>NM 13/2018</b>
<b>Delete</b>	 <i>Fl.Y.2s</i>	1°13·06'N	103°38·01'E
<b>Move</b>	 <i>Fl.Y.6s Xinsha-1</i> , from:	1°13·20'N	103°38·43'E
	to:	1°13·30'N	103°38·48'E
		(Maritime and Port Authority of Singapore)	<b>NM 14/2018</b>
<b>Delete</b>	limit of working area, pecked line, joining:	1°15·44'N	103°38·71'E
		1°15·41'N	103°38·71'E
		1°15·41'N	103°37·51'E
		1°15·33'N	103°37·34'E
		1°15·33'N	103°37·76'E
<hr/>			
<b>502</b>	7 Ed 1/9/17 Last NM 5/2018	(Maritime and Port Authority of Singapore)	<b>NM 15/2018</b>
<b>Delete</b>	 <i>Fl.Y.4s NEA-CHG</i>	1°20·71'N	104°04·98'E
<b>Insert</b>	 <i><b>Fl.Y.4s NEA-CHG</b></i>	1°20·02'N	104°02·52'E
		(Maritime and Port Authority of Singapore)	<b>NM 16/2018</b>
<b>Insert</b>	the accompanying block, centred on:	1°18·4'N	104°00·8'E
		(British Admiralty Notice No. 44/5103/17)	<b>NM 17/2018</b>
<b>Insert</b>	the accompanying block, centred on:	1°20·0'N	104°10·2'E

## II

## TEMPORARY AND PRELIMINARY NOTICES

\*(NM 18P/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)**

<b>Anchorage designation</b>	<b>LIMITS AFTER 0001 HOURS, 1 MARCH 2018</b>
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)**

<b>Anchorage designation</b>	<b>LIMITS UNTIL 0001 HOURS, 1 MARCH 2018</b>	<b>LIMITS AFTER 0001 HOURS, 1 MARCH 2018</b>
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)**

<b>Anchorage designation</b>	<b>LIMITS FROM 0001 HOURS, 1 MARCH 2018</b>
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-notice>

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\*Source: Maritime and Port Authority of Singapore

**Legend:**

1. Changi Barge Temporary Holding Anchorage (ACBTH)
2. Changi General Purposes Anchorage (ACGP)
3. Man-of-War Anchorage (AMOW)
4. Eastern Bunkering A Anchorage (AEBA)
5. Eastern Bunkering B Anchorage (AEBB)
6. Eastern Petroleum C Anchorage (AEPBC)
7. Small Craft B Anchorage (ASCB)
8. Small Craft A Anchorage (ASCA)
9. Eastern Petroleum B Anchorage (AEPBB)
10. Eastern Special Purposes A Anchorage (AESPA)
11. Eastern Bunkering C Anchorage (AEBCC)
12. Eastern Holding A Anchorage (AEHA)
13. Eastern Petroleum A Anchorage (AEPAA)
14. Eastern Anchorage (AEW)
15. Eastern Holding B Anchorage (AEHB)
16. Eastern Holding C Anchorage (AEHC)
17. Western Quarantine and Immigration Anchorage (AWQII)
18. Western Anchorage (AWW)
19. Western Petroleum A Anchorage (AWPA)
20. Western Holding Anchorage (AWH)
21. Western Petroleum B Anchorage (AWPB)
22. Raffles Reserved Anchorage (ARAFR)
23. Raffles Petroleum Anchorage (ARPA)
24. Selat Pauh Anchorage (ASPLU)
25. Selat Pauh Petroleum Anchorage (ASPP)
26. Sudong Petroleum Holding Anchorage (ASPH)
27. Sudong Explosive Anchorage (ASUEX)
28. Sudong Special Purpose Anchorage (ASSPU)
29. Sudong Holding Anchorage (ASH)
30. Very Large Crude Carrier Anchorage (AVLCC)

**Map Labels:**

- JOHOR
- P Tekong
- P Ubin
- Changi
- Jurong Island
- Tuas View
- P Batam
- P Belakangpudang
- SINGAPORE
- ESTERNE CHANNEL
- EAST JONG CHANNEL
- WEST KEPPEL FAIRWAY
- JONG FAIRWAY
- TEMASEK FAIRWAY
- SINKI FAIRWAY
- EAST KEPPEL FAIRWAY
- SISTERS FAIRWAY
- EASTERN FAIRWAY
- EASTERN CORRIDOR
- Singapore Port Limit
- Singapore Strait Limit
- Being reclaimed (2018)

**Coordinates:**

- 104°00'00"E
- 104°07'30"E
- 1°00'00"N
- 1°08'18'02"N

1.	Changi Barge Temporary Holding Anchorage (ACBTHA)	191
2.	Changi General Purposes Anchorage (ACGP)	200
3.	Man-o'-War Anchorage (AMOW)	210
4.	Eastern Bunkering A Anchorage (AEBA)	217
5.	Eastern Bunkering B Anchorage (AEBB)	220
6.	Eastern Petroleum C Anchorage (AEPBC)	232
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15.	Eastern Holding B Anchorage (AEHB)	
16.	Eastern Holding C Anchorage (AEHC)	
17.	Western Quarantine and Immigration Anchorage (AWQIA)	
18.	Western Anchorage (AWW)	

19. Western Petroleum A Anchorage (AWPA)
20. Western Holding Anchorage (AWH)
21. Western Petroleum B Anchorage (AWPB)
22. Raffles Reserved Anchorage (ARA)
23. Raffles Petroleum Anchorage (ARAP)
24. Selat Pauk Anchorage (ASPLU)
25. Selat Pauk Petroleum Anchorage (ASPP)
26. Sudong Petroleum Holding Anchorage (ASPH)
27. Sudong Explosive Anchorage (ASUEX)
28. Sudong Special Purpose Anchorage (ASSPU)
29. Sudong Holding Anchorage (ASH)
30. Very Large Crude Carrier Anchorage (AVLCC)

SINGAPORE

### III NAVIGATIONAL INFORMATION

\*(NM 19/2018)

**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>

<b>PMN No.</b>	<b>Subject</b>
180/2017	Transport of Sand Material to Stockpile Area and Soil Investigation Works at Tuas View Extension
181/2017	Transport of Sand Material to Stockpile Area at Tuas View Extension
182/2017	Soil investigation work off Raffles Marina
183/2017	Works at Tuas Western Coast
2/2018	Reclamation and soil investigation works at Tuas
5/2018	Dredging work in Temasek Fairway
6/2018	Singapore Airshow 2018
7/2018	Advisory to stay vigilant against suspicious craft
8/2018	Installation and maintenance of silt barricades off Tuas Western Coast
<b>PMC No.</b>	<b>Subject</b>
23/2017	Underwater Diving Operation within the Port
1/2018	List of Active Port Marine Circulars

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\*Source: Maritime and Port Authority of Singapore

### III AMENDMENTS TO PUBLICATIONS

\*(NM 20/2018) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2018/2019”

#### CHARACTERISTICS OF AIDS TO NAVIGATION

1. Page 131

##### WEST JOHOR STRAIT

Delete the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
NEA - TUA Buoy	01°19'217' 103°37'469'	Yellow pillar with 'X' topmark	Fl.Y.4s	NEA

2. Page 132

##### TUAS VIEW EXTENSION

Delete the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HSPBV 02 Buoy	01°13'806' 103°37'662'	Yellow pillar	Fl.Y.4s	HSPBV Joint Venture
HSPBV 03 Buoy	01°13'064' 103°38'103'	Yellow pillar	Fl.Y.2s	HSPBV Joint Venture

Insert the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
GMAPS 01 Buoy	01°13'970' 103°38'145'	Yellow pillar	Fl.Y.4s	GMAPS
Xinsha-2 Buoy	01°13'296' 103°37'902'	Yellow pillar	Fl.Y.2s	Xinsha

### III AMENDMENTS TO PUBLICATIONS

3. Page 133

#### TUAS VIEW EXTENSION

Amend the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
PKHDB-18 Buoy	01°13·642' 103°36·288'	Green conical	Fl.G.2s	Xinsha Holding Pte Ltd
PKHDB-21 Buoy	01°14·370' 103°36·266'	Green conical	Fl.G.2s	Xinsha Holding Pte Ltd

Insert the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HD TWC 1 Buoy	01°20·277' 103°37·861'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 2 Buoy	01°19·747' 103°37·542'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 3 Buoy	01°19·217' 103°37·223'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 4 Buoy	01°18·786' 103°37·033'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 5 Buoy	01°18·347' 103°36·866'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 6 Buoy	01°18·289' 103°37·083'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 7 Buoy	01°18·434' 103°37·121'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
NEA-TUA Buoy	01°16·828' 103°36·641'	Yellow pillar with 'X' topmark	Fl.Y.6s	NEA



### III AMENDMENTS TO PUBLICATIONS

4. 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	<b>01°15·003'</b> <b>103°39·572'</b>	Green Conical	Fl.G.4s	M/S Diap - Shap JV
Xinsha-1 Buoy	<b>01°13·296'</b> <b>103°38·476'</b>	Yellow pillar with 'X' topmark	Fl.Y.6s	<b>Xinsha</b>

5. Page 148

#### EASTERN APPROACHES TO EAST JOHOR STRAIT

**Insert** the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HY-CSO1 Buoy	<b>01°22·295'</b> <b>104°00·446'</b>	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HY-CSO2 Buoy	<b>01°22·307'</b> <b>104°00·522'</b>	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HY-CSO3 Buoy	<b>01°22·255'</b> <b>104°00·447'</b>	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HY-CSO4 Buoy	<b>01°22·264'</b> <b>104°00·532'</b>	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai

### III AMENDMENTS TO PUBLICATIONS

6. Page 152

#### CHANGI EAST

**Insert** the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
NEA - CHG Buoy	01°20·020' 104°02·520'	Yellow pillar with 'X' topmark	Fl.Y.4s	NEA

7. Page 153

#### PULAU TEKONG

**Delete** the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HDEC - 1 Buoy	01°24·233' 104°00·916'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC - 2 Buoy	01°24·228' 104°01·050'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC - 3 Buoy	01°24·223' 104°01·185'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC - 4 Buoy	01°24·370' 104°01·191'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC - 5 Buoy	01°24·374' 104°01·051'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HDEC - 6 Buoy	01°24·379' 104°00·922'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
NEA - CHG Buoy	01°20·706' 104°04·977'	Yellow pillar with 'X' topmark	Fl.Y.4s	NEA

\*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 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. VESSEL INTENDING TO CROSS THE TSS SHALL DO SO ONLY WHEN IT IS SAFE AND SHALL AT ALL TIMES COMPLY WITH THE COLLISION REGULATIONS.

## IV

**REPRINT OF MARITIME SAFETY INFORMATION**

TT427 (AMENDED ON 20 JAN 2018 0345Z)

SALVAGE OPS FOR SUNKEN VSL CAI JUN 3 LOCATED AT LAT 1°25'915"N LONG 104°27'389"E IN THE APPROACHES TO THE SINGAPORE STRAIT AT HORSBURGH LT HSE AREA.

A TEMPORARY WORKING AREA FOR THE SALVAGE OPS OF 500 METRES RADIUS CENTERED ON THE SUNKEN VESSEL HAS BEEN ESTABLISHED. A CRANE BARGE IS HELD IN POSN OVER THE WRECK BY 4 ANCHORS MARKED BY ANCHOR BUOYS AT THE FOLLOWING POSNS:

BUOY	LAT (N)	LONG(E)
A	01° 25'988	104° 27'078
B	01° 26'207	104° 27'500
C	01° 25'938	104° 27'488
D	01° 25'776	104° 27'208

WORK VSLS INVOLVED IN THE SALVAGE OPS ARE AS FOLLOWS:

1. CRANE BARGE HONG BANG 6 (3FFP8)
2. TUG TROPICAL OCEAN (9V5467)
3. TUG EWAN ADVENTURE (9V7347)

THE OPS WILL TAKE EFFECT FROM 28 SEP 2017 UNTIL FURTHER NOTICE, 24 HOURS DAILY. AN UNAUTHORISED AND INAPPROPRIATELY POSITIONED ISOLATED DANGER BUOY WITH LIGHT CHARACTERISTICS FL(2)10S WHICH WAS LOCATED AT POSN LAT 01° 25'817"N LONG 104° 27'450"E HAS BEEN REMOVED.

MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION AND GIVE A WIDE BERTH.

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
8. SINKI 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.

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.

## IV

## REPRINT OF MARITIME SAFETY INFORMATION

TT443

SEMAPHORE TOWER AT RAFFLES LIGHTHOUSE POSN LAT 1°09'606"N LONG 103°44'450"E, DAY SIGNAL IS NOT OPERATIONAL. MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT446

CABLE SHIP NUSANTARA EXPLORER IS CARRYING OUT CABLE REPAIR OPERATIONS SOUTH OF THE TSS OFF PHILIP CHANNEL. ALL VESSELS ARE ADVISED TO KEEP WELL CLEAR OF THE CABLE SHIP.

TT447

CABLE SHIP RESPONDER IS CARRYING OUT CABLE OPERATIONS 4.4NM NE OF HORSBURGH LT. ALL VESSELS ARE ADVISED TO KEEP WELL CLEAR OF THE CABLE SHIP.

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.

SR413

11 CREW WERE RESCUED FROM A SUNKEN FISHING CRAFT ON 12TH JAN 2018 AT APPROX. POSITION 2°00'N 104°46'E. 2 CREW ARE STILL REPORTED MISSING. VESSEL PASSING THE VICINITY TO KEEP A LOOK OUT AND RENDER ASSISTANCE IF NECESSARY AND REPORT ANY SIGHTING TO SINGAPORE PORT OPERATION CONTROL CENTRE AT TEL: (65) 62265539 FAX: (65) 62279971 OR TELEX: 20021 OR EMAIL: POCC@MPA.GOV.SG

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ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 28<sup>th</sup> January 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-notices-to-mariners>

**115 SINGAPORE - Keppel Harbour - Marina South and Selat Sengkir - Buoyage.**

Source: Maritime and Port Authority of Singapore

**Chart 4037** [previous update 4579/17] WGS84 DATUM

Insert	symbol, mooring can buoy, <b>MS 37</b>	1°16'456"N	103°52'338"E
Delete	symbol, mooring buoy, <i>MPA Brani 2</i>	1°15'363"N	103°49'641"E

**132 SINGAPORE - Pulau Ubin (Singapore) and Changi East NE - Buoyage. Maritime limit. Legend.**

Source: Maritime and Port Authority of Singapore

**Chart 4043** [previous update 5724/17] WGS84 DATUM

Insert	symbol, mooring can buoy, <b>U-1</b>	1°23'99"N	103°58'22"E
Delete	maritime limit, pecked line, joining:	(a) 1°20'87"N (shore)	104°01'75"E
		(b) 1°20'50"N	104°02'10"E
		(c) 1°20'50"N	104°02'39"E
		(d) 1°20'71"N	104°02'36"E
		(e) 1°20'71"N	104°02'63"E
		(f) 1°20'84"N	104°02'82"E
		(g) 1°21'24"N	104°02'83"E
		(h) 1°21'47"N	104°02'52"E
		(i) 1°21'34"N (shore)	104°02'42"E

legend, Works in progress (2017), within:

 *Fl. Y. 4s CEF03*



(a)-(i) above

(f) above

## V

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

**Chart 4044** [previous update 5724/17] WGS84 DATUM

Insert	symbol, mooring can buoy, <b>U-1</b>	1°23·99'N	103°58·22'E
Delete	maritime limit, pecked line, joining:	(a) 1°20·87'N (shore)	104°01·75'E
		(b) 1°20·50'N	104°02·10'E
		(c) 1°20·50'N (  CEF04)	104°02·39'E
		(d) 1°20·71'N	104°02·36'E
		(e) 1°20·71'N	104°02·63'E
		(f) 1°20·84'N	104°02·82'E
		(g) 1°21·24'N	104°02·83'E
		(h) 1°21·47'N	104°02·52'E
		(i) 1°21·34'N (shore)	104°02·42'E
	legend, Works in progress (2017), within:	(a)-(i) above	
	 <b>Fl.Y.4s CEF03</b>	(f) above	

**Chart 4044** (Panel A, Serangoon Harbour) [previous update 5724/17] WGS84 DATUM

Insert	symbol, mooring can buoy, <b>U-1</b>	1°23·990'N	103°58·219'E
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## 161 SINGAPORE - Port of Singapore - Tuas View S and Temasek Fairway - Buoyage.






Source: Maritime and Port Authority of Singapore

**Chart 4030** [previous update 4654/17] WGS84 DATUM

Insert	 <b>Fl.Y.4s TSS4</b>	1°16·712'N	103°38·509'E
	 <b>Fl.Y.2s ADCP3TSS8</b>	1°14·385'N	103°38·835'E
	 <b>Fl.Y.4s TSS3</b>	1°14·095'N	103°40·097'E
	 <b>Fl.Y.2s ADCP4</b>	1°13·709'N	103°40·158'E

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

**Chart 4031** [previous update 4748/17] WGS84 DATUM

Insert	 <b>Fl. Y. 2s ADCP3TSS8</b>	1°14·385'N	103°38·835'E
	 <b>Fl. Y. 4s TSS3</b>	1°14·095'N	103°40·097'E
	 <b>Fl. Y. 2s ADCP4</b>	1°13·709'N	103°40·158'E
	 <b>Fl. Y. 4s TSS10</b>	1°15·074'N	103°41·943'E
	 <b>Fl. Y. 4s TSS11</b>	1°15·227'N	103° 42·381'E

**Chart 4032** [previous update 5728/17] WGS84 DATUM

Insert	 <b>Fl. Y. 4s TSS10</b>	1°15·074'N	103°41·943'E
	 <b>Fl. Y. 4s TSS11</b>	1°15·227'N	103°42·381'E

**Chart 4033** [previous update 4654/17] WGS84 DATUM

 <b>Fl. Y. 4s TSS4</b>	1°16·712'N	103°38·509'E
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**164 SINGAPORE - Port of Singapore - The Sisters, P. Tekukor and P. Sakijiang Bendera (S. John's Island) - NM Blocks. Notes.**

Source: Maritime and Port Authority of Singapore

Note: Chart 4037, see NM 165(P)/18

**Chart 4036** [previous update New Edition 06/04/2017] WGS84 DATUM

Insert	the accompanying block, centred on:	1°12·9'N	103°50·0'E
	the accompanying note, SISTERS' ISLANDS MARINE PARK, centred on:	1°09·94'N	103°49·95'E

**Chart 4040** [previous update 5829/17] WGS84 DATUM

Insert	the accompanying block, centred on:	1°13·0'N	103°50·5'E
	the accompanying note, SISTERS' ISLANDS MARINE PARK, centred on:	1°18·37'N	103°49·02'E

**Chart 4041** [previous update 6004/17] WGS84 DATUM

Insert	the accompanying block, centred on:	1°13·4'N	103°50·4'E
Insert	the accompanying note, SISTERS' ISLANDS MARINE PARK, centred on:	1° 18·42'N	103° 53·81'E



## V

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

## 165(P)/18 SINGAPORE - The Sisters, Pulau Tekukor and Pulau Sakijiang Bendera (S. John's Island) - Marine Reserves. Buoyage.

Source: Maritime and Port Authority of Singapore

1. Marine reserves, *Sisters' Islands Marine Park*, have been established bounded by the following positions:
  - 1° 13·715'N, 103° 50·373'E (shore)
  - 1° 13·705'N, 103° 50·336'E
  - 1° 13·845'N, 103° 50·178'E
  - 1° 14·009'N, 103° 50·112'E
  - 1° 14·066'N, 103° 50·150'E
  - 1° 13·983'N, 103° 50·193'E (shore)
  - and
  - 1° 12·801'N, 103° 51·099'E (shore)
  - 1° 12·803'N, 103° 51·002'E
  - 1° 13·016'N, 103° 50·845'E
  - 1° 13·141'N, 103° 50·721'E
  - 1° 13·216'N, 103° 50·643'E
  - 1° 13·289'N, 103° 50·582'E
  - 1° 13·381'N, 103° 50·545'E
  - 1° 13·438'N, 103° 50·615'E
  - 1° 13·393'N, 103° 50·653'E (shore)
  - and
  - 1° 12·775'N, 103° 50·220'E
  - 1° 12·714'N, 103° 50·170'E
  - 1° 12·694'N, 103° 50·028'E
  - 1° 12·728'N, 103° 49·959'E
  - 1° 12·937'N, 103° 49·821'E
  - 1° 13·049'N, 103° 49·878'E
  - 1° 13·068'N, 103° 49·919'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° 13·842'N, 103° 50·198'E
2. Special purpose light buoys, *Fl. Y. 2s*, have been established marking the limit of *The Sisters* marine reserve in the following positions:
 

*Designation Position*

<i>SIS-01</i>	1° 12·775'N, 103° 50·220'E
<i>SIS-02</i>	1° 12·694'N, 103° 50·028'E
<i>SIS-03</i>	1° 12·937'N, 103° 49·821'E
<i>SIS-04</i>	1° 13·049'N, 103° 49·878'E
<i>SIS-05</i>	1° 13·040'N, 103° 50·013'E
<i>SIS-06</i>	1° 12·924'N, 103° 50·164'E
3. Mooring buoys have been established in the following positions:
 

*Designation Position*

<i>NP-02</i>	1° 12·714'N, 103° 50·116'E
<i>NP-03</i>	1° 12·734'N, 103° 50·004'E
<i>NP-04</i>	1° 12·772'N, 103° 49·966'E
<i>NP-05</i>	1° 12·864'N, 103° 49·896'E
<i>NP-06</i>	1° 12·972'N, 103° 49·859'E
	1° 12·742'N, 103° 50·204'E

V

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

**165(P)/18      SINGAPORE - The Sisters, Pulau Tekukor and Pulau Sakijang Bendera (S. John's Island) - Marine Reserves. Buoyage. (continued)**

4. Entry into the *Sisters' Islands Marine Park* is affected by numerous restrictions and prohibitions. For future details, see National Parks Board website <http://www.nparks.gov.sg>

5. These changes will be included in the next New Edition of Chart 4037.

**Chart affected - 4037**

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Updated to Admiralty Notices to Mariners No. 4 of 2018 dated 25<sup>th</sup> January 2018

Block for Chart No 502

Block for Chart No 502

*To accompany Notice to Mariners 164/18*

*On Chart 4036*

SISTERS' ISLANDS MARINE PARK  
(1° 12'·8N., 103° 49'·9E.)  
Entry into the Sisters' Islands Marine Park is affected by numerous restrictions and prohibitions. For further details, see National Parks Board website <http://www.nparks.gov.sg>

*To accompany Notice to Mariners 164/18*

*On Chart 4040*

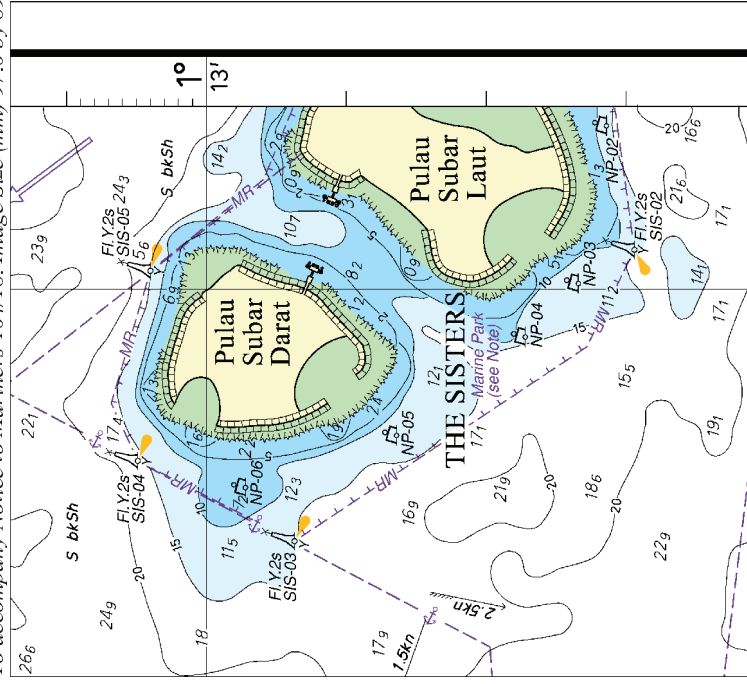
SISTERS' ISLANDS MARINE PARK  
(1°13·7'N, 103°50·2'E)(1°13·0'N, 103°50·8'E) (1°12·7'N, 103°49·8'E)  
Entry into the Sisters' Islands Marine Park is affected by numerous restrictions and prohibitions. For further details, see National Parks Board website <http://www.nparks.gov.sg>

*To accompany Notice to Mariners 164/18*

*On Chart 4041*

SISTERS' ISLANDS MARINE PARK  
(1°13·7'N, 103°50·2'E)(1°13·0'N, 103°50·8'E)  
(1°12·7'N, 103°49·8'E)  
Entry into the Sisters' Islands Marine Park is affected by numerous restrictions and prohibitions. For further details, see National Parks Board website <http://www.nparks.gov.sg>

To accompany Notice to Mariners 164/18. Image Size (mm) 97.6 by 89.3



Block for Chart No 4036

[illegible]





## **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](mailto: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 : .....

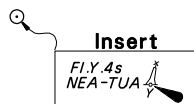
### **Equipment Used** :

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

Type of Echo Sounder : .....

Name and Signature : .....

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

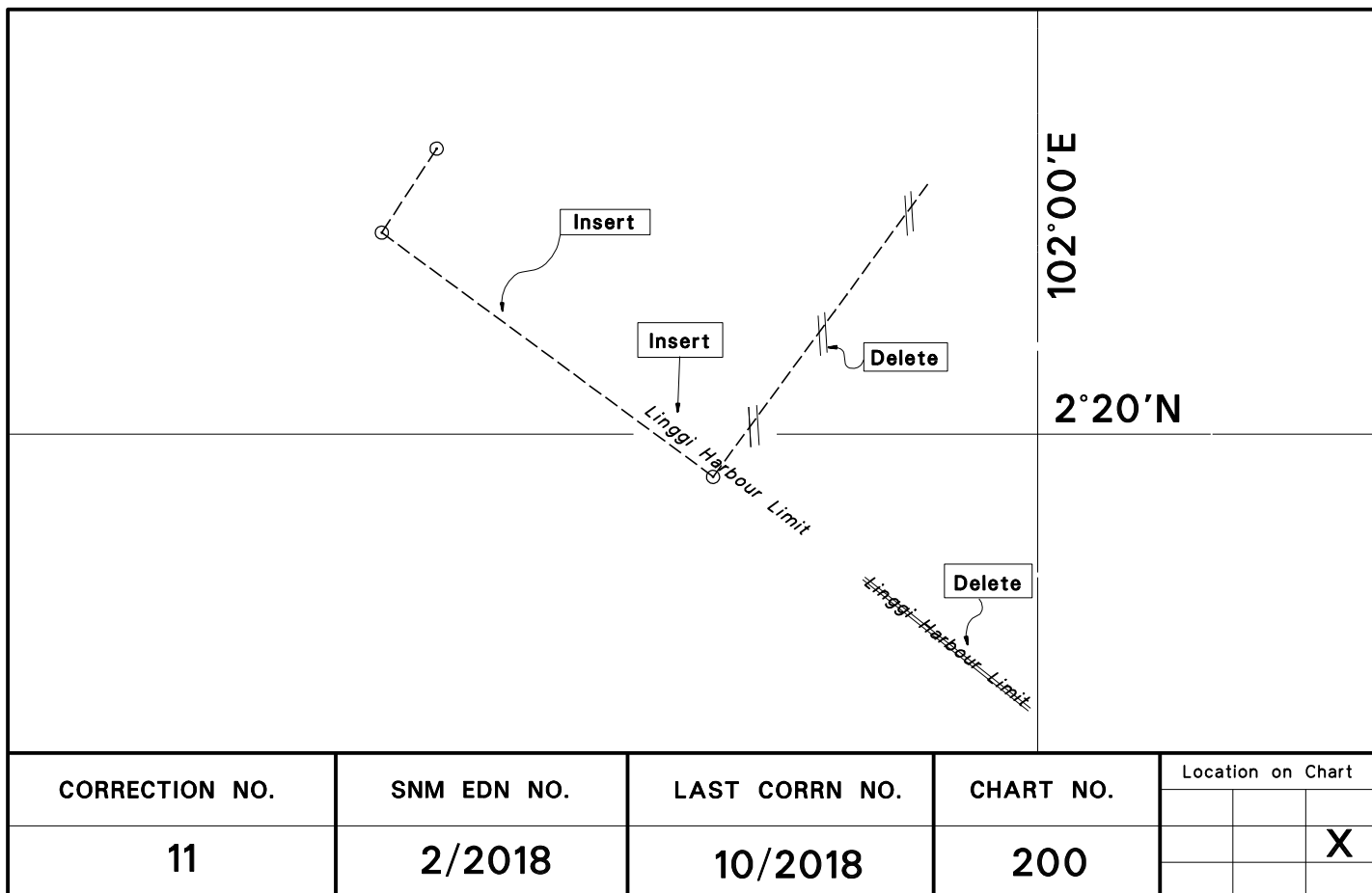
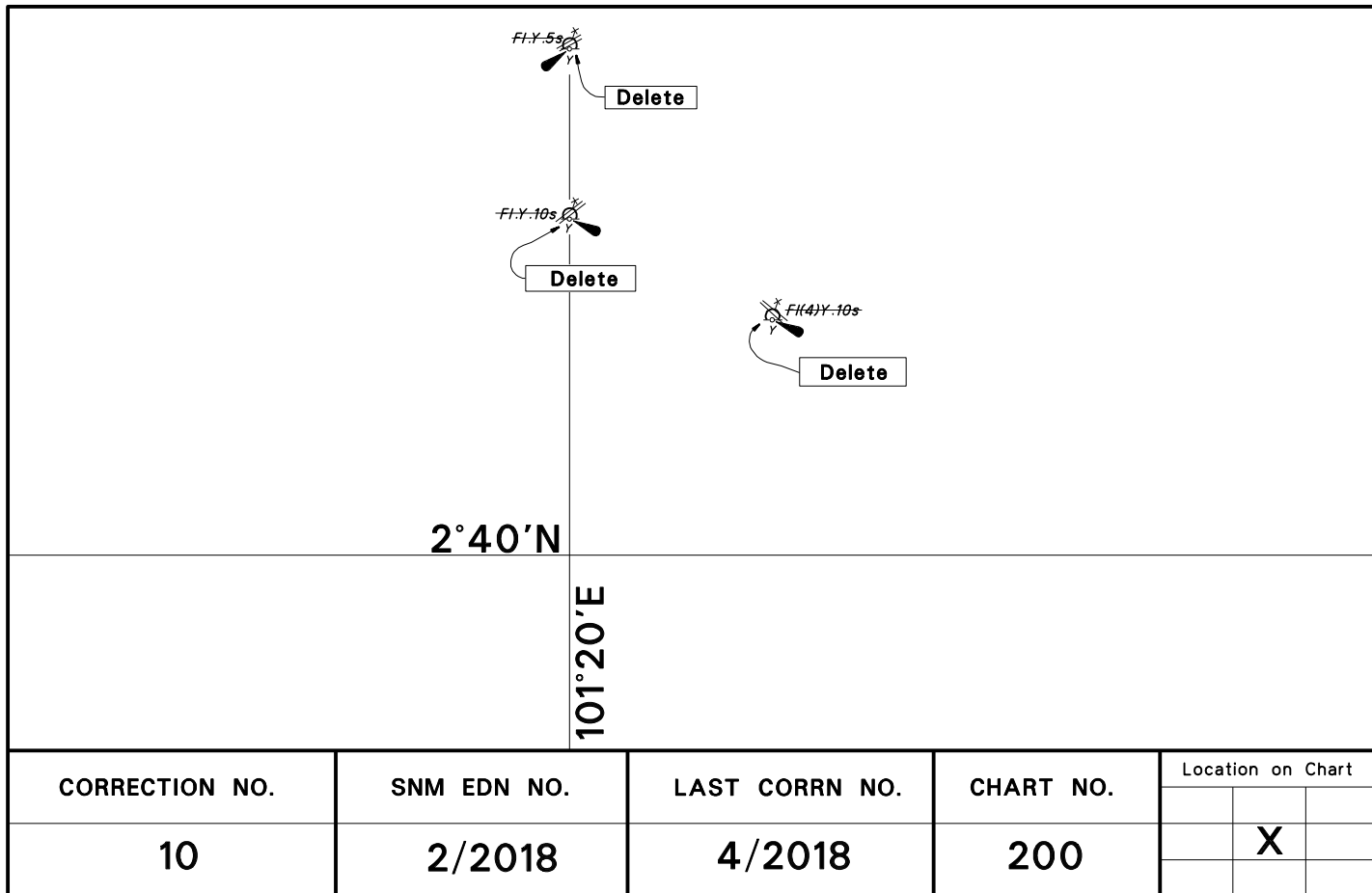


1°15'N

103°40'E

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
9	2/2018	New Edn	GSP1/SP1	X		

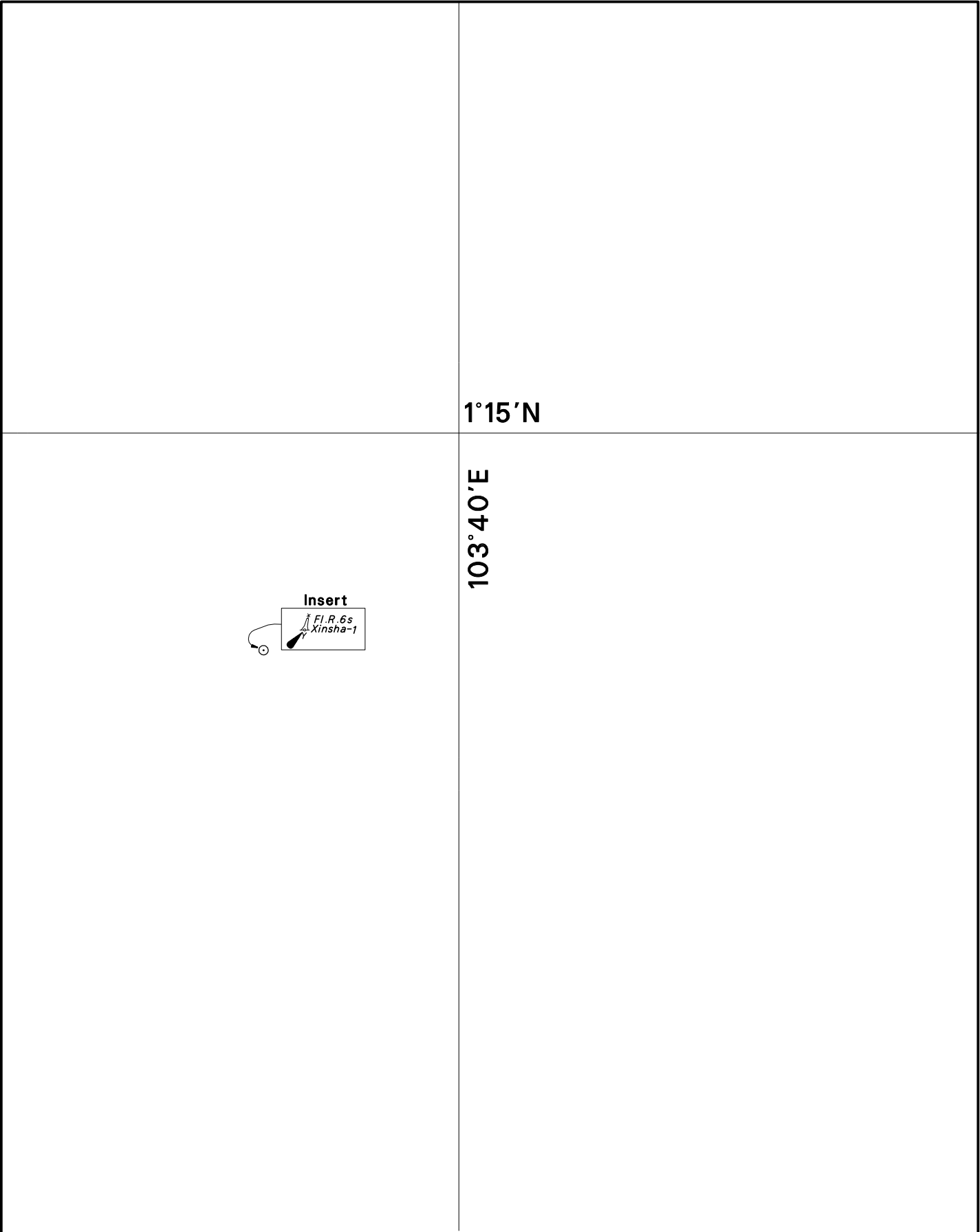
Caution: some computer printers might distort the tracings.  
Users are advised to check and, if necessary, adjust settings on the printer



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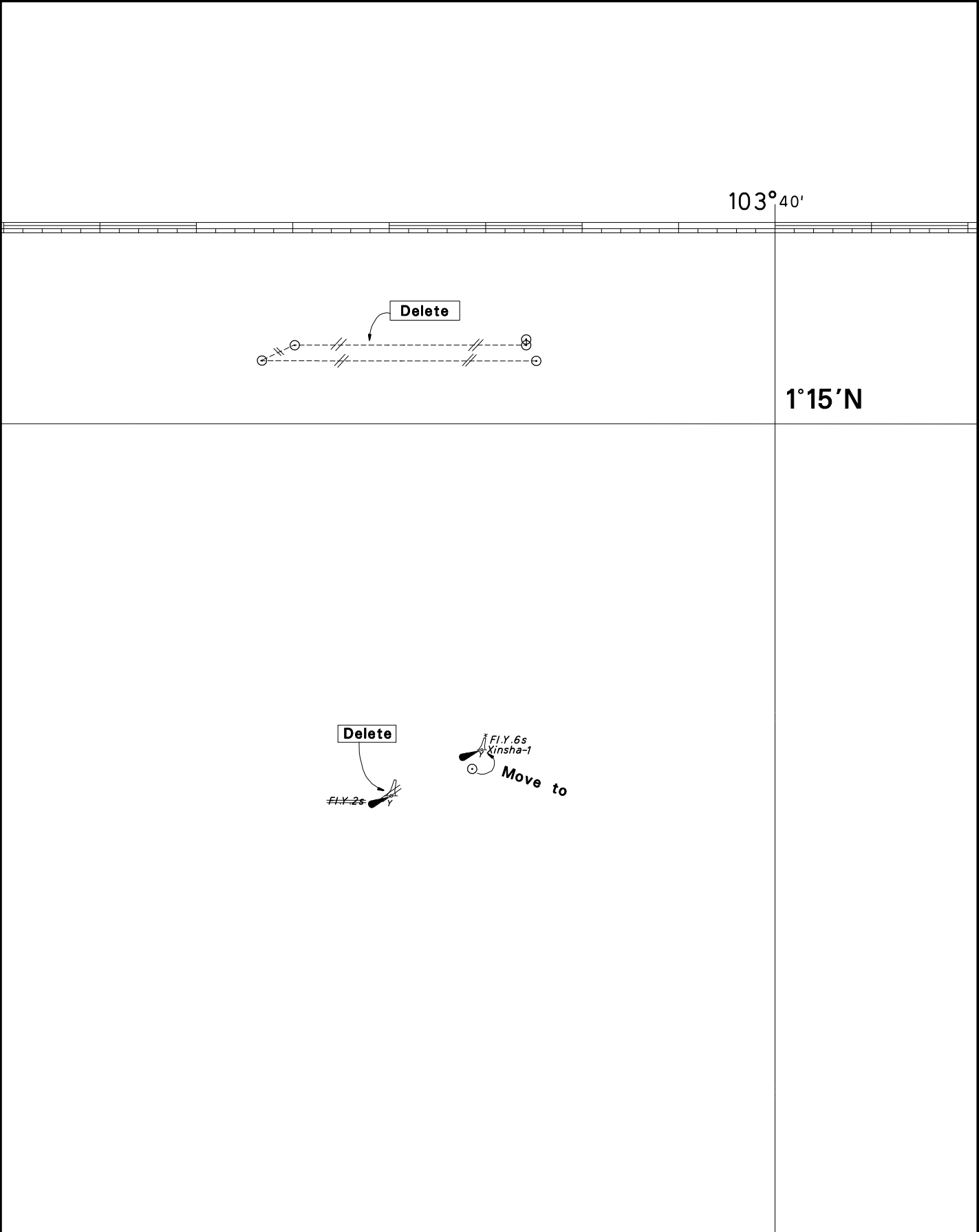
		2°00'N		
		102°20'E		
		<div>Insert</div> <div><div>28</div><div></div></div>		
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart
12	2/2018	122/2017	201	X

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



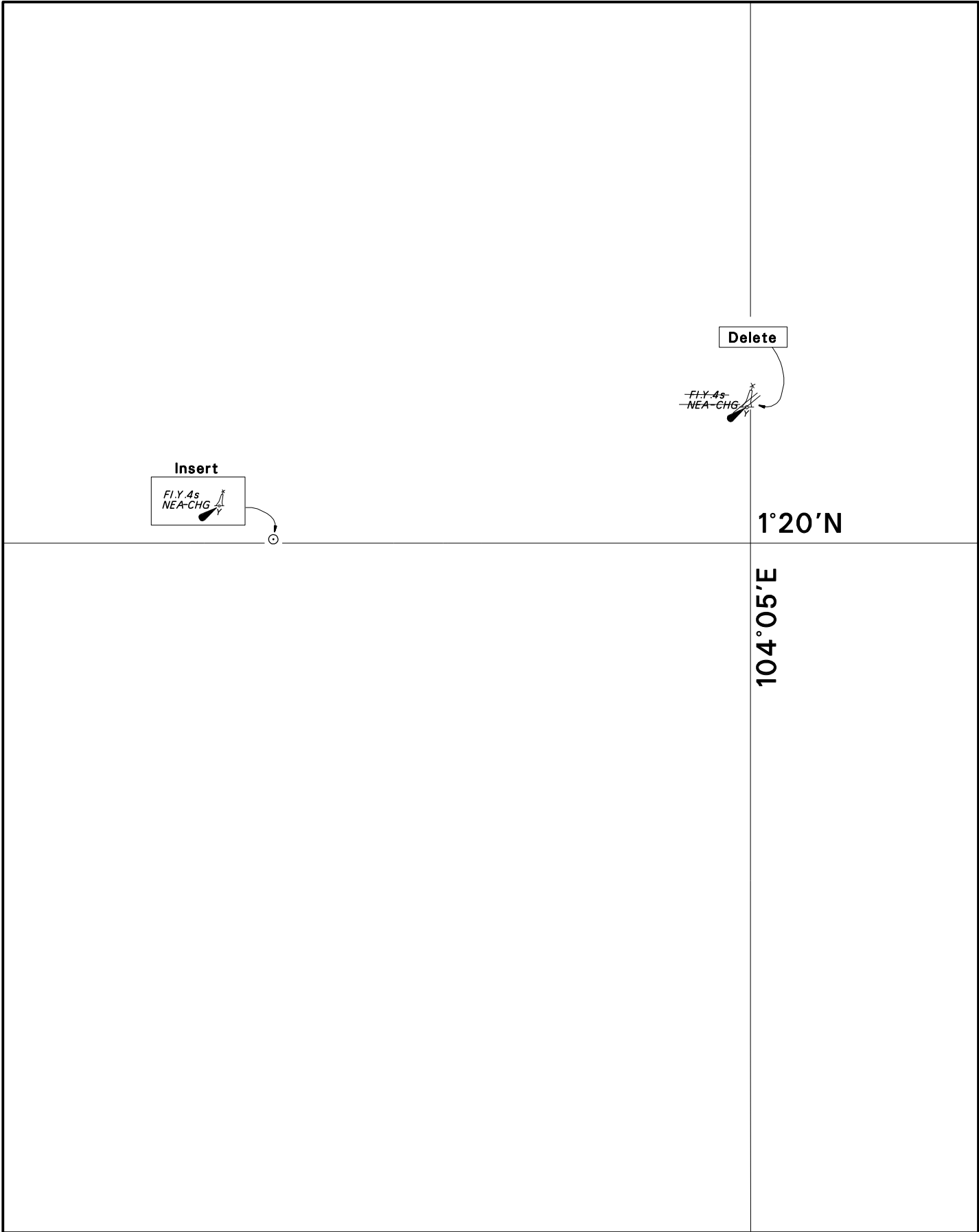
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
13	2/2018	102/2017	500			X

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		
13, 14	2/2018	3/2018	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		
					X	
15	2/2018	5/2018	502			

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