



## 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)

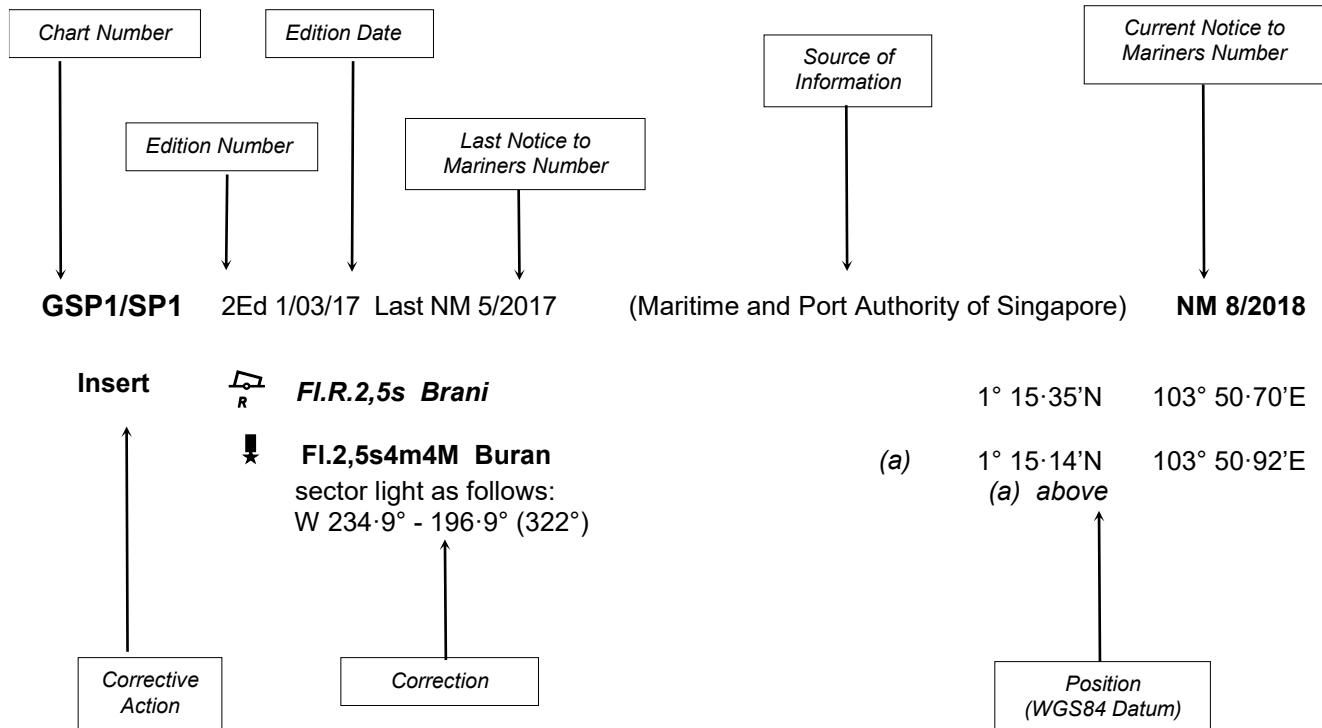
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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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 to 9
Numerical Index to Notices to Mariners of 2018	*47	10
Singaporean Chart GSP1/SP1	*48, 49, 50, *51	11
Singaporean Chart 500	*51	11
Singaporean Chart 501	*51	11
Temporary and Preliminary Notices	52P, 53P, 54P, *55T	12 to 16
Singapore Port Marine Notices/Circulars	*56	17, 18
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Extract of Admiralty Notices to Mariners for Dual-Badged Charts	-	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 to 9
*47	Numerical Index to Notices to Mariners of 2018	10
*48, 49, 50, *51	Singaporean Chart GSP1/SP1	11
*51	Singaporean Chart 500	11
*51	Singaporean Chart 501	11
52P, 53P, 54P, *55T	Temporary and Preliminary Notices	12 to 16
*56	Singapore Port Marine Notices/Circulars	17, 18
*57	Amendments to Publications	19, 20
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\*Source: Maritime and Port Authority of Singapore

## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 16<sup>TH</sup> AUGUST 2018

<b>Chart Number</b>	:	4030
<b>Title</b>	:	Port of Singapore West Jurong Anchorages and Temasek Fairway
<b>Coverage</b>	:	Lat 01° 11·05' N      01° 17·00' N Long 103° 36·70' E      103° 40·70' E
<b>Scale</b>	:	1 : 10 000
<b>Date Published</b>	:	16 <sup>th</sup> August 2018
<b>Size of Chart</b>	:	742.0 x 1096.5 mm
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering West Jurong Anchorages and Temasek Fairway.  The existing chart of the same number published on 2 <sup>nd</sup> March 2017 will be superseded.

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<b>Chart Number</b>	:	4031
<b>Title</b>	:	Port of Singapore Western Approaches to Jurong Island
<b>Coverage</b>	:	Lat 01° 10·15' N      01° 16·12' N Long 103° 38·50' E      103° 42·53' E
<b>Scale</b>	:	1 : 10 000
<b>Date Published</b>	:	16 <sup>th</sup> August 2018
<b>Size of Chart</b>	:	747.5 x 1100.2 mm
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Western Approaches to Jurong Island.  The existing chart of the same number published on 2 <sup>nd</sup> March 2017 will be superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 16<sup>TH</sup> AUGUST 2018

<b>Chart Number</b>	:	4032
<b>Title</b>	:	Port of Singapore Sinki Fairway
<b>Coverage</b>	:	Lat 01° 12·25' N      01° 16·30' N Long 103° 40·20' E      103° 46·13' E
<b>Scale</b>	:	1 : 10 000
<b>Date Published</b>	:	16 <sup>th</sup> August 2018
<b>Size of Chart</b>	:	1100.0 x 746.4 mm
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Sinki Fairway.  The existing chart of the same number published on 4 <sup>th</sup> August 2016 will be superseded.

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<b>Chart Number</b>	:	4033
<b>Title</b>	:	Port of Singapore Tuas Bay, West Jurong Channel and Pesek Basin
<b>Coverage</b>	:	Lat 01° 15·00' N      01° 19·05' N Long 103° 36·80' E      103° 42·70' E
<b>Scale</b>	:	1 : 10 000
<b>Date Published</b>	:	16 <sup>th</sup> August 2018
<b>Size of Chart</b>	:	1094.4 x 746.4 mm
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Tuas Bay, West Jurong Channel and Pesek Basin.  The existing chart of the same number published on 17 <sup>th</sup> March 2016 will be superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 16<sup>TH</sup> AUGUST 2018

<b>Chart Number</b>	:	4034
<b>Title</b>	:	Port of Singapore East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway
<b>Coverage</b>	:	Lat 01° 14·50' N      01° 18·55' N Long 103° 42·70' E      103° 48·60' E
<b>Scale</b>	:	1 : 10 000
<b>Date Published</b>	:	16 <sup>th</sup> August 2018
<b>Size of Chart</b>	:	1094.3 x 746.3 mm
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway.  The existing chart of the same number published on 4 <sup>th</sup> August 2016 will be superseded.

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<b>Chart Number</b>	:	4035
<b>Title</b>	:	Port of Singapore Western Anchorages, Jong Fairway and Cruise Bay
<b>Coverage</b>	:	Lat 01° 10·90' N      01° 16·90' N Long 103° 45·50' E      103° 49·54' E
<b>Scale</b>	:	1 : 10 000
<b>Date Published</b>	:	16 <sup>th</sup> August 2018
<b>Size of Chart</b>	:	749.4 x 1105.7 mm
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Western Anchorage, Jong Fairway and Cruise Bay.  The existing chart of the same number published on 6 <sup>th</sup> April 2017 will be superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 16<sup>TH</sup> AUGUST 2018

<b>Chart Number</b>	:	4036
<b>Title</b>	:	Port of Singapore Raffles Lighthouse to The Sisters
<b>Coverage</b>	:	Lat 01° 09·40' N      01° 13·47' N Long 103° 44·20' E      103° 50·13' E
<b>Scale</b>	:	1 : 10 000
<b>Date Published</b>	:	16 <sup>th</sup> August 2018
<b>Size of Chart</b>	:	1100.0 x 750.1 mm
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Raffles Lighthouse to The Sisters.
		The existing chart of the same number published on 6 <sup>th</sup> April 2017 will be superseded.

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<b>Chart Number</b>	:	4037
<b>Title</b>	:	Port of Singapore Keppel Harbour, Tanjong Pagar Terminal and Approaches
<b>Coverage</b>	:	Lat 01° 12·52' N      01° 16·59' N Long 103° 49·40' E      103° 55·34' E
<b>Scale</b>	:	1 : 10 000
<b>Date Published</b>	:	16 <sup>th</sup> August 2018
<b>Size of Chart</b>	:	747.5 x 1100.2 mm
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Keppel Harbour, Tanjong Pagar Terminal and Approaches.
		The existing chart of the same number published on 6 <sup>th</sup> April 2017 will be superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPORE ENC TO BE RELEASED ON 16<sup>TH</sup> AUGUST 2018

<b>ENC Name</b>	:	SG5C4030
<b>Location</b>	:	West Jurong Anchorages and Temasek Fairway
<b>Coverage</b>	:	Lat 01° 11·050' N      01° 16·300' N Long 103° 36·700' E      103° 40·640' E
<b>Compilation Scale</b>	:	1 : 8 000
<b>Date Released</b>	:	16 <sup>th</sup> August 2018
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering West Jurong Anchorages and Temasek Fairway.  The existing cell of the same name released on 2 <sup>nd</sup> March 2017 will be superseded.

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<b>ENC Name</b>	:	SG5C4031
<b>Location</b>	:	Western Approaches to Jurong Island
<b>Coverage</b>	:	Lat 01° 10·150' N      01° 12·250' N Long 103° 38·500' E      103° 42·530' E
<b>Compilation Scale</b>	:	1 : 8 000
<b>Date Released</b>	:	16 <sup>th</sup> August 2018
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Western Approaches to Jurong Island.  The existing cell of the same name released on 17 <sup>th</sup> March 2016 will be superseded.

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<b>ENC Name</b>	:	SG5C4032
<b>Location</b>	:	Sinki Fairway
<b>Coverage</b>	:	Lat 01° 12·250' N      01° 16·300' N Long 103° 40·640' E      103° 45·580' E
<b>Compilation Scale</b>	:	1 : 8 000
<b>Date Released</b>	:	16 <sup>th</sup> August 2018
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Sinki Fairway.  The existing cell of the same name released on 4 <sup>th</sup> August 2016 will be superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPORE ENC TO BE RELEASED ON 16<sup>TH</sup> AUGUST 2018

<b>ENC Name</b>	:	SG5C4033
<b>Location</b>	:	Tuas Bay, West Jurong Channel and Pesek Basin
<b>Coverage</b>	:	Lat 01° 16·300' N      01° 19·050' N Long 103° 38·000' E      103° 42·700' E
<b>Compilation Scale</b>	:	1 : 8 000
<b>Date Released</b>	:	16 <sup>th</sup> August 2018
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Tuas Bay, West Jurong Channel and Pesek Basin.  The existing cell of the same name released on 17 <sup>th</sup> March 2016 will be superseded.

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<b>ENC Name</b>	:	SG5C4034
<b>Location</b>	:	East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway
<b>Coverage</b>	:	Lat 01° 16·300' N      01° 18·550' N Long 103° 42·700' E      103° 46·360' E
<b>Compilation Scale</b>	:	1 : 8 000
<b>Date Released</b>	:	16 <sup>th</sup> August 2018
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway.  The existing cell of the same name released on 4 <sup>th</sup> August 2016 will be superseded.

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<b>ENC Name</b>	:	SG5C4035
<b>Location</b>	:	West Jurong Anchorages, Jong Fairway and Cruise Bay
<b>Coverage</b>	:	Lat 01° 10·900' N      01° 16·900' N Long 103° 45·580' E      103° 49·425' E
<b>Compilation Scale</b>	:	1 : 8 000
<b>Date Released</b>	:	18 <sup>th</sup> August 2018
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering West Jurong Anchorages, Jong Fairway and Cruise Bay.  The existing cell of the same name released on 6 <sup>th</sup> April 2017 will be superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPORE ENC TO BE RELEASED ON 16<sup>TH</sup> AUGUST 2018

<b>ENC Name</b>	:	SG5C4036
<b>Location</b>	:	Raffles Lighthouse to The Sisters
<b>Coverage</b>	:	Lat 01° 09·400' N      01° 12·520' N Long 103° 44·200' E      103° 50·130' E
<b>Compilation Scale</b>	:	1 : 8 000
<b>Date Released</b>	:	16 <sup>th</sup> August 2018
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Raffles Lighthouse to The Sisters.  The existing cell of the same name released on 6 <sup>th</sup> April 2017 will be superseded.

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<b>ENC Name</b>	:	SG5C4037
<b>Location</b>	:	Keppel Harbour, Tanjong Pagar Terminal and Approaches
<b>Coverage</b>	:	Lat 01° 12·520' N      01° 16·590' N Long 103° 49·425' E      103° 55·340' E
<b>Compilation Scale</b>	:	1 : 8 000
<b>Date Released</b>	:	16 <sup>th</sup> August 2018
<b>Description</b>	:	This new edition includes updated submarine cables, bathymetry and topography details covering Keppel Harbour, Tanjong Pagar Terminal and Approaches.  The existing cell of the same name released on 6 <sup>th</sup> April 2017 will be superseded.

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## II

### NOTICES TO MARINERS AND CHART CORRECTIONS

\*(NM 47/2018) NUMERICAL INDEX TO NOTICES TO MARINERS OF 2018 (1 TO 46)

MONTH	NOTICES TO MARINERS NO.
JANUARY 2018	1 to 8
FEBRUARY 2018	9 to 21
MARCH 2018	22 to 33
APRIL 2018	31 to 35
MAY 2018	36 to 42
JUNE 2018	43 to 46




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CHART NO.	PUBLISHED	YEAR	NOTICES TO MARINERS NO.
GSP1, SP1	3 Ed 15/01/18	2018	09-22-23-36-37-38
200	4 Ed 1/09/15	2018	04-10-11-43
201	6 Ed 15/09/17	2018	12-24-31-32
202	8 Ed 15/09/16	2018	03-21-33
500	8 Ed 15/09/17	2018	13-23-39-44
501	7 Ed 1/09/15	2018	03-13-14-23-44
502	7 Ed 1/09/15	2018	03-05-15-16-17-25-26-33
503	5 Ed 15/08/14	2018	05-21-33

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## II

### NOTICES TO MARINERS AND CHART CORRECTIONS

<b>GSP1/SP1</b>	3 Ed 15/1/18 Last NM 38/2018	(Maritime and Port Authority of Singapore)	<b>NM 48/2018</b>
<b>Delete</b>	limit of working area, pecked line, joining:	1°18·35'N 1°18·29'N 1°18·65'N (shore)	103°36·87'E 103°37·08'E 103°37·43'E
<b>Insert</b>	limit of working area, pecked line, joining:	1°18·35'N 1°17·50'N 1°17·44'N 1°18·43'N 1°18·65'E (shore)	103°36·87'E 103°36·62'E 103°36·86'E 103°37·12'E 103°37·43'E
		(Maritime and Port Authority of Singapore)	<b>NM 49/2018</b>
<b>Insert</b>	 <b>Fl.Y.2s HD-TWC8</b>	1°17·50'N	103°36·62'E
	 <b>Fl.Y.2s HD-TWC9</b>	1°17·44'N	103°36·86'E
		(Malaysia Marine Department Notice No. 57/2018)	<b>NM 50/2018</b>
<b>Delete</b>	 <b>Fl.Y.5s TLSSP</b>	1°25·76'N	104°00·57'E
		(Maritime and Port Authority of Singapore)	<b>NM 51/2018</b>
<b>Insert</b>	legend, <b>(see Note)</b> , centred on:	1°14·78'N	103°39·18'E
	the accompanying note, TEMASEK FAIRWAY, centred on:	1°22·2'N	103°35·5'E
<hr/>			
<b>500</b>	8 Ed 15/9/17 Last NM 44/2018	(Maritime and Port Authority of Singapore)	<b>NM 51/2018</b>
<b>Insert</b>	legend, <b>(see Note)</b> , centred on:	1°15·15'N	103°39·03'E
	the accompanying note, TEMASEK FAIRWAY, centred on:	1°22·7'N	103°34·6'E
<hr/>			
<b>501</b>	7 Ed 1/9/15 Last NM 44/2018	(Maritime and Port Authority of Singapore)	<b>NM 51/2018</b>
<b>Insert</b>	legend, <b>(see Note)</b> , centred on:	1°14·66'N	103°39·30'E
	the accompanying note, TEMASEK FAIRWAY, centred on:	1°03·5'N	103°50·9'E
<hr/>			

*To accompany Notices to Mariners 51/18*

*On Chart GSP1/SP1*

TEMASEK FAIRWAY (1°14.8'N, 103°39.2'E)

Dredging is in progress in Temasek Fairway and adjoining areas. Depths may not be as charted and vessel traffic may be diverted around temporary working areas. Mariners are advised not to enter any designated working areas. For further information, see the relevant Singapore Port Marine Notices available at the MPA website <http://www.mpa.gov.sg>.

*To accompany Notices to Mariners 51/18*

*On Chart 500*

TEMASEK FAIRWAY (1°15.2'N, 103°39.0'E)

Dredging is in progress in Temasek Fairway and adjoining areas. Depths may not be as charted and vessel traffic may be diverted around temporary working areas. Mariners are advised not to enter any designated working areas. For further information, see the relevant Singapore Port Marine Notices available at the MPA website <http://www.mpa.gov.sg>.

*To accompany Notices to Mariners 51/18*

*On Chart 501*

TEMASEK FAIRWAY (1°14.7'N, 103°39.3'E)

Dredging is in progress in Temasek Fairway and adjoining areas. Depths may not be as charted and vessel traffic may be diverted around temporary working areas. Mariners are advised not to enter any designated working areas. For further information, see the relevant Singapore Port Marine Notices available at the MPA website <http://www.mpa.gov.sg>.

## II

## TEMPORARY AND PRELIMINARY NOTICES

(NM 52P/2018)

PALAPA RING BARAT (PRB) SUBMARINE CABLE PROJECT -  
RIAU ISLANDS VICINITY

1. The Palapa Ring Barat (PRB) submarine cable has been laid joining the following positions:

## Segment G:

0°59.63'N, 102°37.14'E  
 1°00.49'N, 102°37.20'E  
 1°01.08'N, 102°37.03'E  
 1°01.69'N, 102°37.17'E  
 1°02.53'N, 102°37.86'E  
 1°05.03'N, 102°38.69'E  
 1°07.12'N, 102°39.17'E  
 1°11.48'N, 102°38.71'E  
 1°13.10'N, 102°39.19'E  
 1°15.20'N, 102°42.76'E  
 1°16.15'N, 102°47.91'E  
 1°15.89'N, 102°53.96'E  
 1°14.69'N, 103°01.97'E  
 1°14.03'N, 103°03.81'E  
 1°02.80'N, 103°17.86'E  
 1°03.07'N, 103°18.79'E

## Segment F:

0°59.85'N, 103°26.64'E  
 0°59.00'N, 103°29.76'E  
 0°59.43'N, 103°32.59'E  
 1°02.09'N, 103°32.47'E  
 1°03.44'N, 103°34.68'E  
 1°01.06'N, 103°39.60'E  
 1°05.96'N, 103°45.83'E  
 1°07.13'N, 103°45.66'E  
 1°10.68'N, 103°52.00'E  
 1°10.89'N, 103°53.17'E  
 1°10.56'N, 103°54.46'E  
 1°10.04'N, 103°54.47'E  
 1°09.59'N, 103°55.08'E  
 1°09.03'N, 103°55.73'E  
 1°08.45'N, 103°55.49'E

## Segment B:

1°10.06'N, 104°08.33'E  
 1°10.16'N, 104°08.55'E  
 1°12.31'N, 104°09.55'E  
 1°12.40'N, 104°15.02'E  
 1°12.51'N, 104°15.07'E  
 1°13.25'N, 104°19.67'E  
 1°13.19'N, 104°19.75'E  
 1°14.91'N, 104°24.81'E  
 1°18.03'N, 104°35.25'E  
 1°20.99'N, 104°48.16'E  
 1°22.41'N, 104°48.90'E

## Segment D:

1°15.0735'N, 104°35.31'E  
 1°14.1625'N, 104°40.71'E  
 1°08.5574'N, 104°48.90'E

## II

**TEMPORARY AND PRELIMINARY NOTICES**

2. This changes will be included in the next New Edition Singaporean and Dual Badged Charts.
3. Charts Affected: Singaporean GSP1/SP1, 201, 202, 500, 502, 503 Dual Badged 4040, 4041 and 4042.

Source : Indonesian Notice No. 5/49/18, 7/67/18 and 8/77/18

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**(NM 53P/2018)**

**AUSTRALIA - SINGAPORE CABLE (ASC) SUBMARINE CABLE -  
TANAH MERAH CABLE LANDING**

1. The Australia-Singapore (ASC) submarine cable has been laid joining the following positions:
  - 1°17·66'N, 104°00·13'E
  - 1°18·32'N, 104°00·40'E
  - 1°18·31'N, 104°00·40'E
  - 1°18·30'N, 104°00·42'E
  - 1°18·28'N, 104°00·47'E
  - 1°18·08'N, 104°00·80'E
  - 1°17·25'N, 104°02·20'E
  - 1°17·14'N, 104°02·39'E
  - 1°17·00'N, 104°02·62'E
2. This changes will be included in the next New Edition Singaporean and Dual Badged Charts.
3. Charts Affected: Singaporean GSP1/SP1, 502, Dual Badged 4041, 4042 and 4043

Source : Asean Cables Pte Ltd



## II

## TEMPORARY AND PRELIMINARY NOTICES

(NM 54P/2018)

INDONESIA GLOBAL GATEWAY (IGG) CABLE -  
SINGAPORE STRAIT WATERWAY

1. The Indonesia Global Gateway (IGG) submarine cable has been laid joining the following positions:

Segment 2a:

1°41.76'N, 101°42.91'E  
1°41.67'N, 101°44.16'E  
1°40.30'N, 101°47.38'E  
1°35.15'N, 101°54.15'E  
1°35.37'N, 101°55.07'E  
1°39.62'N, 101°54.99'E  
1°46.16'N, 101°52.71'E  
1°48.00'N, 101°53.45'E  
1°48.59'N, 101°54.11'E  
1°48.32'N, 101°55.93'E  
1°45.06'N, 102°02.33'E  
1°45.07'N, 102°05.77'E  
1°44.56'N, 102°11.91'E  
1°44.64'N, 102°14.08'E  
1°45.20'N, 102°15.02'E  
1°45.11'N, 102°17.17'E  
1°37.78'N, 102°32.68'E  
1°26.32'N, 102°49.81'E  
1°19.42'N, 102°58.74'E  
1°16.18'N, 103°03.27'E  
1°13.17'N, 103°15.61'E  
1°12.29'N, 103°21.24'E  
1°09.67'N, 103°24.85'E  
1°07.04'N, 103°29.41'E

## II

## TEMPORARY AND PRELIMINARY NOTICES

## Segment 2:

1°07.04'N,103°29.41'E  
1°04.61'N,103°34.01'E  
1°01.56'N,103°38.69'E  
1°01.52'N,103°40.00'E  
1°03.88'N,103°43.03'E  
1°05.73'N,103°45.05'E  
1°06.20'N,103°45.27'E  
1°06.35'N,103°45.68'E  
1°06.93'N,103°45.64'E  
1°07.26'N,103°45.85'E  
1°11.45'N,103°52.89'E  
1°13.11'N,103°57.19'E  
1°13.77'N,104°01.65'E  
1°13.52'N,104°02.38'E  
1°13.97'N,104°03.78'E  
1°14.02'N,104°08.96'E  
1°13.37'N,104°09.34'E  
1°13.16'N,104°11.63'E

2. This changes will be included in the next New Edition Singaporean and Dual Badged Charts.
3. Charts Affected: Singaporean GSP1/SP1, 201, 202, 500, 501, 502, Dual Badged 4040, 4041 and 4042.

Source : Fairlead Marine Services Pte Ltd

## II

## TEMPORARY AND PRELIMINARY NOTICES

\*(NM 55T/2018)

## REPAIRS AND MAINTENANCE OF OUTER SHOAL BEACON

- Description :**
1. Outer Shoal Beacon will be temporarily removed for repair and maintenance on 6 July 2018. It will be replaced by a green conical buoy with light characteristics Fl.G.5s at position 1°15'050"N 103°51'770"E.
  2. Outer Shoal Beacon will be reinstalled at the original location after completion of repair and maintenance.

**Charts Affected :** Singaporean GSP1/SP1, 501, 502, Dual Badged BA4037, BA4040 and BA4041

**Caution :** Mariners are advised to navigate with caution

Source : Maritime and Port Authority of Singapore

### III NAVIGATIONAL INFORMATION

\*(NM 56/2018)

**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>
5/2018	Dredging work in Temasek Fairway
7/2018	Advisory to stay vigilant against suspicious craft
8/2018	Installation 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
19/2018	Removal of jetty and installation of mono piles at Pulau Sebarok
21/2018	Use of temporary passenger jetties in Tuas View Basin and at Tuas Staging Ground
23/2018	Construction of jetties off Jurong Island Causeway
24/2018	Soil investigation work off Woodlands Waterfront Park
25/2018	Construction of RC ramp and replacement of submarine cables near the entrance Of Sungai Sembawang
27/2018	Soil investigation work off Changi East
28/2018	Construction of temporary jetty and RoRo ramp off East of Tuas View
34/2018	Reclamation work at Pulau Tekong
35/2018	Mooring and unmooring of vessels off Pulau Tekong
36/2018	Soil investigation work at Tuas View, off Temasek Fairway
39/2018	Mooring and unmooring of vessels at Tuas Finger One project area
41/2018	Dredging works off Sultan Shoal Lighthouse
45/2018	Works at Tuas Western Coast
46/2018	Works off south of Marina East
47/2018	Reclamation works at Ayer Merbau Basin
50/2018	Foreshore development with infilling works off Harbour Front, Cruise Bay
52/2018	Supply and delivery of sand at Tuas View Extension
53/2018	Operation of RoRo ramp at Tuas View
55/2018	Commissioning of landing steps 1 and 2 and temporary closure of floating pontoon at West Coast Pier

### III NAVIGATIONAL INFORMATION

059/2018	Dredging work in Temasek Fairway
061/2018	Dredging work off Eastern Anchorage
062/2018	Transport of sand material to stockpile area and soil investigation works near Pilot Western Boarding Ground Alpha (PWBGA)
064/2018	Installation of floating sea barrier off Sentosa

<b>PMC No.</b>	<b>Subject</b>
2/2018	Revision of Anchorages, Fairways and Channels in Port
3/2018	Persons authorised to supply water to ocean going vessels and harbour craft in port
4/2018	Mandatory adoption of Mass Flow Metering System for distillates delivery in the Port Of Singapore
5/2018	Control of smoke emissions by vessels in port
6/2018	Implementation of e-Application to enter restricted areas surrounding (a) Jurong Island (b) Pulau Busing & Pulau Bukom (c) Pulau Sebarok & Shell SBM & (d) Sembawang Wharves and approaches thereto

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\*Source: Maritime and Port Authority of Singapore

### III AMENDMENTS TO PUBLICATIONS

\*(NM 57/2018) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2018/2019”

#### CHARACTERISTICS OF AIDS TO NAVIGATION

1. Page 133

##### TUAS VIEW EXTENSION

Insert the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HD TWC 8 Buoy	01°17·503' 103°36·624'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 9 Buoy	01°17·440' 103°36·857'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai
HD TWC 10 Buoy	01°17·937' 103°36·989'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai

Amend the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HD TWC 6 Buoy	01°17·925' 103°36·744'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	Hyundai

### III AMENDMENTS TO PUBLICATIONS

#### LEAST DEPTHS OF ANCHORAGES

2. Page 105

#### **B WESTERN SECTOR**

**Amend** the following:

<b>No.</b>	<b>Anchorage</b>	<b>Depth (m)</b>	<b>Latitude (N) Longitude (E)</b>
19	Western Petroleum A (AWPA)	21·6	1°14·293' 103°48·221'
20	Western Holding (AWH)	21·2	1°13·990' 103°47·515'
21	Western Petroleum B (AWPB)	19·8	1°14·060' 103°48·375'

#### WHARVES AND BERTHS

3. Page 178

#### **50 MARINA SOUTH - (MARINA BAY CRUISE CENTRE)(1°15·9'N 103°51·6'E)**

**Amend** the following:

<b>Berth</b>	<b>Length of Berth Box</b>	<b>Depth Alongside (Year Surveyed)</b>
CM01	373m	11·4m (2018)
CM02	396m	11·4m (2018)

\*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 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 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. EXAMPLE: 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 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 COSPAS-SARSAT SYSTEM AND ENSURE THAT 121.5MHZ IS NOT TRANSMITTED. PLEASE STOP EMITTING YOUR 121.5MHZ DISTRESS ALERT IF YOU ARE NOT IN DISTRESS TO PREVENT INTERFERENCE TO AIRSPACE FREQUENCY.

TT440

A NUMBER OF UNKNOWN VESSELS ARE OBSERVED ANCHORED IN THE TSS/PRECAUTIONARY AREA SOUTH OF TG. 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.

TT465

DGPS SERVICE AT HORSBURGH LIGHTHOUSE (REFERENCE STATION 130/131) IN POSITION 1°19'8"N 104°24'34"E IS UNAVAILABLE. MARINERS ARE ADVISED TO USE ALTERNATE REFERENCE STATION AT RAFFLES LIGHTHOUSE (REFERENCE STATION 132/133).

TT471

SAFE WATER MARK BUOY LFI.10S IN POSITION 1°02'97"N 103°39'00"E IS REPORTED MISSING. VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT472

CABLE SHIP ASEAN RESTORER IS CARRYING OUT CABLE REPAIR OPERATION IN THE SINGAPORE STRAIT AT THE TSS WESTBOUND LANE (SOUTH OF TG.AYAM VTIS SECTOR 9) WITHIN THE AREA BOUNDED BY THE FOLLOWING COORDINATES FROM 30 JUNE 2018 TO 07 JULY 2018 ON 24 HOURS BASIS.

A	1°18'618"N	104°17'073"E
B	1°19'097"N	104°19'100"E
C	1°20'270"N	104°17'780"E
D	1°18'701"N	104°18'246"E

ALL VESSELS ARE ADVISED TO KEEP WELL CLEAR OF THE OPERATIONAL AREA.

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 TO REPORT ANY SUSPICIOUS CRAFT TO VTIS SINGAPORE.

SR416

A FISHING VESSEL NAME "ZHE PU YUAN 52", CALLSIGN BZ9UV, GT 948, LOA 7M REPORTED NOT UNDER COMMAND IN PRESENT POSITION LAT 1°20'N 104°22'E. ALL VESSELS ARE ADVISED TO KEEP SHARP LOOKOUT, KEEP CLEAR AND NAVIGATE WITH CAUTION.

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ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 24<sup>th</sup> Jun 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>

**2941 SINGAPORE - Raffles Shoal E- Depths.**

Source: Maritime and Port Authority of Singapore

**Chart 4039** [previous update 2410/18] WGS84 DATUM

Insert	depth, <i>18</i>	(a) 1°11·01'N	103°42·46'E
	depth, <i>19<sub>4</sub></i>	(b) 1°10·20'N	103°42·77'E
Delete	depth, <i>18<sub>l</sub></i> , close SE of:	(a) above	
	depth, <i>19<sub>5</sub></i> , close SE of:	(b) above	

**Chart 4040** [previous update 2410/18] WGS84 DATUM

Insert	depth, <i>18</i>	(a) 1°11·01'N	103°42·46'E
	depth, <i>19<sub>4</sub></i>	(b) 1°10·20'N	103°42·77'E
Delete	depth, <i>18<sub>l</sub></i> , close SE of:	(a) above	
	depth, <i>19<sub>5</sub></i> , close SE of:	(b) above	

**2950 SINGAPORE - Pulau Tekong (Singapore) NW - Buoy.**

Source: Marine Department, Malaysia Notice 57/18

**Chart 4043** [previous update 1597/18] WGS84 DATUM

Delete	 <i>Fl. Y. 5s TLSSP</i>	1°25·76'N	104°00·57'E
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**Chart 4044** [previous update 1597/18] WGS84 DATUM

Delete	 <i>Fl. Y. 5s TLSSP</i>	1°25·76'N	104°00·57'E
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Updated to Admiralty Notices to Mariners No. 26 of 2018 dated 28<sup>th</sup> June 2018

## **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 : .....

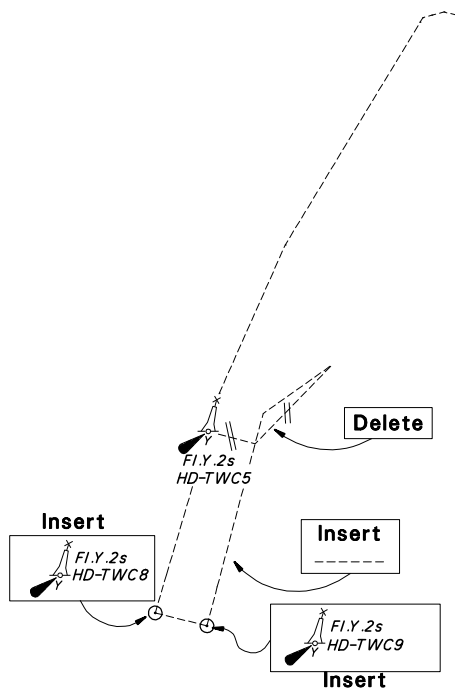
Type of Echo Sounder : .....

Name and Signature : .....

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

103°35'E

1°15'N



CORRECTION NO.	SNM EDN NO.	LAST CORR NO.	CHART NO.	Location on Chart		
48, 49	7/2018	38/2018	GSP1/SP1	X		

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

104°00'E

1°25'N

FLY-551

TLSSP

Delete

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
50	7/2018	49/2018	GSP1/SP1			X

103°40'E

1°15'N

TEMA SEK

(see note)

FAIRWAY

Insert

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
51	7/2018	50/2018	GSP1/SP1	X		

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

<div>Insert</div> <div>TEMASEK FAIRWAY (see Note)</div>		103°40'E		1°15'N					
CORRECTION NO.		SNM EDN NO.		LAST CORR N NO.		CHART NO.		Location on Chart	
51		7/2018		44/2018		500		<div></div> <div></div> <div>X</div>	

<div>Insert</div> <div>TEMASEK FAIRWAY (see Note)</div>		1°15'N		103°40'E					
CORRECTION NO.		SNM EDN NO.		LAST CORR N NO.		CHART NO.		Location on Chart	
51		7/2018		44/2018		501		<div></div> <div>X</div> <div></div>	

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