



## 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)

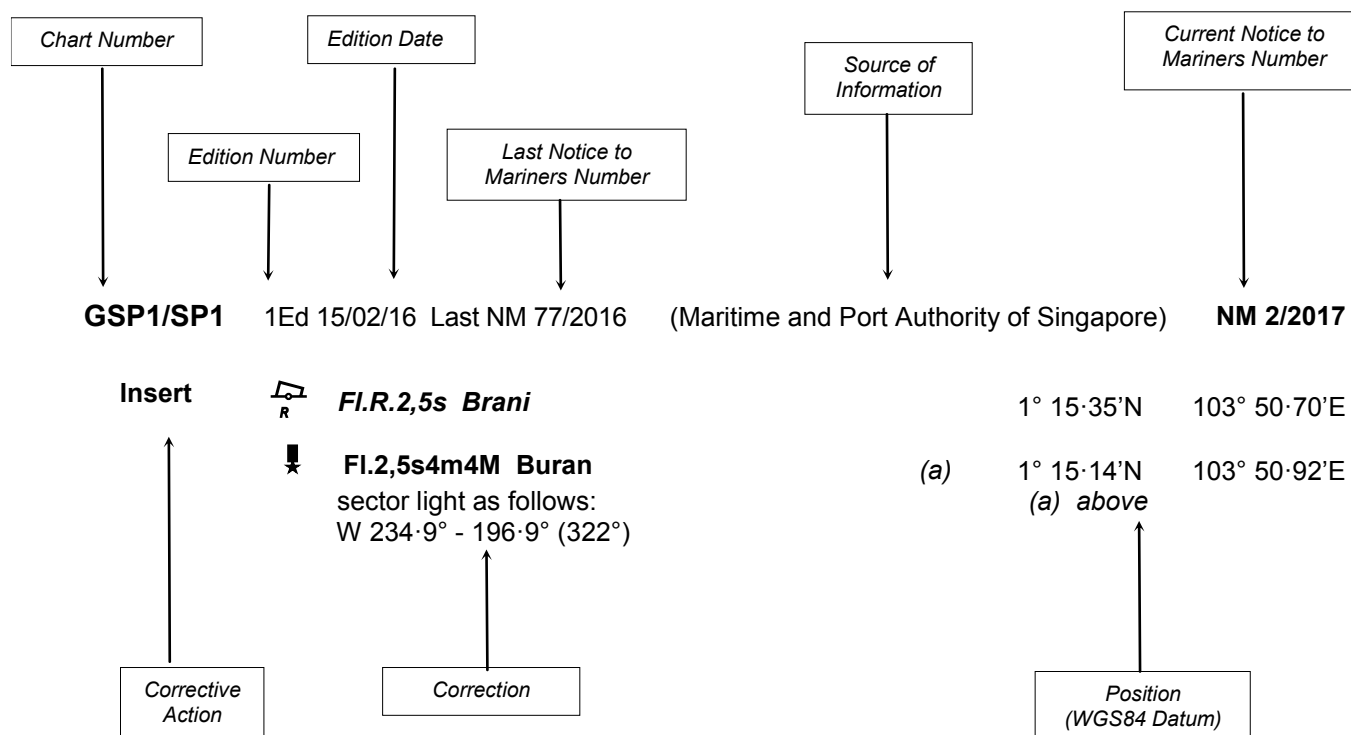
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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## EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



### Notes:

a) Notice to Mariners number followed by:

**T** indicates a Temporary Notice (eg. **NM 3T/2017**).

**P** indicates a Preliminary Notice (eg. **NM 4P/2017**).

b) Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward.

c) Heights and elevations are above Mean High Water Springs.

I  
**AFFECTED CHARTS AND PUBLICATIONS**

**INDEX OF AFFECTED CHARTS**

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New Charts and Publications	-	3
Singapore Port Information 2018/2019	-	4, 5
Singaporean Chart GSP1/SP1	*120, *121	6, 7
Singaporean Chart 200	122	7
Singaporean Chart 201	122	7
Singaporean Chart 202	123	7
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Singaporean Chart 502	124	8
Temporary and Preliminary Notices	-	9
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Amendments to Publications	*126	11, 12
Reprint of Maritime Safety Information	-	13 to 15
Extract of Admiralty Notices to Mariners for Dual-Badged Charts	-	16

\*Source: Maritime and Port Authority of Singapore

I  
**AFFECTED CHARTS AND PUBLICATIONS**

**INDEX OF NOTICES**

NOTICE NO.	DESCRIPTION	PAGE NO.
-	New Charts and Publications	3
-	Singapore Port Information 2018/2019	4, 5
*120, *121	Singaporean Chart GSP1/SP1	6, 7
122	Singaporean Chart 200	7
122	Singaporean Chart 201	7
123	Singaporean Chart 202	7
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124	Singaporean Chart 502	8
-	Temporary and Preliminary Notices	9
*125	Singapore Port Marine Notices/Circulars	10
*126	Amendments to Publications	11, 12
-	Reprint of Maritime Safety Information	13 to 15
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\*Source: Maritime and Port Authority of Singapore

## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPOREAN CHARTS TO BE 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 will be superseded.

\*This chart is provided with a grid reference.

<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
<b>Scale</b>	:	1 : 65 000
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The existing chart of the same number published on 1<sup>st</sup> March 2017 will be superseded.

## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPORE PORT INFORMATION 2018/2019 TO BE PUBLISHED ON 4<sup>TH</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>	2 Ed 1/03/17 Last NM 99/2017	(Maritime and Port Authority of Singapore)	<b>NM 120/2017</b>
<b>Insert</b>	 <b>U-1</b>		1°23·99'N 103°58·22'E
		(Maritime and Port Authority of Singapore)	<b>NM 121/2017</b>
<b>Insert</b>	limit of restricted area,  , joining:		1°13·72'N 103°50·37'E
		(shore)	
			1°13·71'N 103°50·34'E
			1°13·85'N 103°50·18'E
			1°14·01'N 103°50·11'E
			1°14·07'N 103°50·15'E
			1°13·98'N 103°50·19'E
		(shore)	
	legend, ( <b>see Note</b> ), centred on:		1°13·85'N 103°50·00'E
<b>Insert</b>	limit of restricted area,  , joining:		1°12·80'N 103°51·10'E
		(shore)	
			1°12·80'N 103°51·00'E
			1°13·02'N 103°50·85'E
			1°13·14'N 103°50·72'E
			1°13·22'N 103°50·64'E
			1°13·29'N 103°50·58'E
			1°13·38'N 103°50·55'E
			1°13·44'N 103°50·62'E
			1°13·39'N 103°50·65'E
		(shore)	
	legend, ( <b>see Note</b> ), centred on:		1°13·02'N 103°50·77'E
<b>Insert</b>	limit of restricted area,  , joining:		1°12·78'N 103°50·22'E
			1°12·71'N 103°50·17'E
			1°12·69'N 103°50·03'E
			1°12·73'N 103°49·96'E
			1°12·94'N 103°49·82'E
			1°13·05'N 103°49·88'E
			1°13·07'N 103°49·92'E
			1°13·04'N 103°50·01'E
			1°12·96'N 103°50·08'E
			1°12·92'N 103°50·16'E
			1°12·88'N 103°50·18'E
			1°12·84'N 103°50·20'E
	legend, ( <b>see Note</b> ), centred on:		1°12·70'N 103°49·75'E
	accompanying note, SISTERS' ISLANDS MARINE PARK, centred on:		1°26·0'N 104°06·8'E



## II

## NOTICES TO MARINERS AND CHART CORRECTIONS

<b>Insert</b>	 <b>Fl.Y.2s SIS-01</b>	1°12·78'N	103°50·22'E
	 <b>Fl.Y.2s SIS-02</b>	1°12·69'N	103°50·03'E
	 <b>Fl.Y.2s SIS-03</b>	1°12·94'N	103°49·82'E
	 <b>Fl.Y.2s SIS-04</b>	1°13·05'N	103°49·88'E
	 <b>Fl.Y.2s SIS-05</b>	1°13·04'N	103°50·01'E
	 <b>Fl.Y.2s SIS-06</b>	1°12·92'N	103°50·16'E
<b>200</b>	4 Ed 1/09/15 Last NM 101/2017 (Admiralty Notice No. 47/5539/17)		<b>NM 122/2017</b>
<b>Delete</b>	radar beacon, <i>Racon(U)</i> , at light-buoy	2°11·82'N	102°06·77'E
<b>201</b>	6 Ed 15/09/17 Last NM 100/2017 (Admiralty Notice No. 47/5539/17)		<b>NM 1222017</b>
<b>Delete</b>	radar beacon, <i>Racon(U)</i> , at light-buoy	2°11·82'N	102°06·77'E
<b>202</b>	8 Ed 15/09/16 Last NM 103/2017 (Indonesian Notice No. 27/404/17)		<b>NM 123/2017</b>
<b>Insert</b>	 <b>Fl.Y.3s</b>	1°01·51'N	104°13·05'E
<b>501</b>	7 Ed 1/09/15 Last NM 102/2017 (Maritime and Port Authority of Singapore)		<b>NM 121/2017</b>
<b>Insert</b>	limit of restricted area, $\text{TTTT}$ , joining:	1°13·72'N	103°50·37'E
	(shore)	1°13·71'N	103°50·34'E
		1°13·85'N	103°50·18'E
		1°14·01'N	103°50·11'E
		1°14·07'N	103°50·15'E
		1°13·98'N	103°50·19'E
	(shore)		
	legend, ( <b>see Note</b> ), centred on:	1°13·73'N	103°50·12'E

## II

## NOTICES TO MARINERS AND CHART CORRECTIONS

<b>Insert</b>	limit of restricted area, TTTT, joining:	1°12·80'N	103°51·10'E		
		(shore)			
		1°12·80'N	103°51·00'E		
		1°13·02'N	103°50·85'E		
		1°13·14'N	103°50·72'E		
		1°13·22'N	103°50·64'E		
		1°13·29'N	103°50·58'E		
		1°13·38'N	103°50·55'E		
		1°13·44'N	103°50·62'E		
		1°13·39'N	103°50·65'E		
	(shore)				
	legend, ( <b>see Note</b> ), centred on:	1°13·00'N	103°50·80'E		
<b>Insert</b>	limit of restricted area, TTTT, joining:	1°12·78'N	103°50·22'E		
		1°12·71'N	103°50·17'E		
		1°12·69'N	103°50·03'E		
		1°12·73'N	103°49·96'E		
		1°12·94'N	103°49·82'E		
		1°13·05'N	103°49·88'E		
		1°13·07'N	103°49·92'E		
		1°13·04'N	103°50·01'E		
		1°12·96'N	103°50·08'E		
		1°12·92'N	103°50·16'E		
		1°12·88'N	103°50·18'E		
		1°12·84'N	103°50·20'E		
			legend, ( <b>see Note</b> ), centred on:	1°12·65'N	103°50·10'E
			accompanying note, SISTERS' ISLANDS MARINE PARK, centred on:	0°58·7'N	103°47·5'E
			(Admiralty Notice No. 45/5305/17)		<b>NM 124/2017</b>
<b>Insert</b>	depth, 29 <sub>5</sub> , enclosed by 30m contour	1°10·99'N	103°52·33'E		
<b>502</b>	7 Ed 1/09/15 Last NM 102/2017 (Admiralty Notice No. 45/5305/17)		<b>NM 124/2017</b>		
<b>Insert</b>	depth, 29 <sub>5</sub> , enclosed with 30m contour	1°10·99'N	103°52·33'E		

*To accompany Notices to Mariners*

*On Chart GSP1*

SISTERS' ISLANDS MARINE PARK  
(1°13-9'N, 103°50-0'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 Notices to Mariners*

*On Chart SP1*

SISTERS' ISLANDS MARINE PARK  
(1°13-9'N, 103°50-0'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 Notices to Mariners*

*On Chart 501*

SISTERS' ISLANDS MARINE PARK  
(1°13-7'N, 103°50-1'E)(1°13-0'N, 103°50-8'E)  
(1°12-7'N, 103°50-1'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>

**II**  
**TEMPORARY AND PRELIMINARY NOTICES**

NIL

### III NAVIGATIONAL INFORMATION

#### \*(NM 125/2017) 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>
150/2017	Seawall opening and submarine cable diversion works in Ayer Merbau Basin
151/2017	Annual Marine Services survey (2017) with shipmasters
152/2017	Annual Marine Services survey (2017) with shore-based operators (shipping agents and marine terminal/operation managers)
155/2017	Construction of new landing pontoon and upgrading of existing West Coast Pier
159/2017	Dredging works at ALGAS anchorage
163/2017	Works at Tuas Terminal Phase 1
164/2017	Laying of submarine cable off Changi East
165/2017	Installation of a sentinel fish cage off Tanjong Punggol
166/2017	Reclamation works at Ayer Merbau Basin
<b>PMC No.</b>	<b>Subject</b>
18/2017	Port dues concession for container vessels, bulk carriers and offshore support vessels
19/2017	Revision to the Pre-Arrival Notification (PAN)
20/2017	Maritime and Port Authority of Singapore revokes Transocean Oil Pte Ltd's bunkering licences
21/2017	Sisters' Islands Marine Park

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\*Source: Maritime and Port Authority of Singapore

**III**  
**AMENDMENTS TO PUBLICATIONS**

\*(NM 126/2017) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2016/2017”

**CHARACTERISTICS OF AIDS TO NAVIGATION**

1. Page 146

**SISTERS FAIRWAY**

Insert the following:

<b>Name Of Beacon/Buoy</b>	<b>Position Lat. N Long. E</b>	<b>Structure, Colour &amp; Shape</b>	<b>Light Characteristic</b>	<b>Owner</b>
SIS-01 Buoy	01°12.775' 103°50.220'	Yellow pillar with 'X' topmark	Fl.Y.2s	NParks
SIS-02 Buoy	01°12.694' 103°50.028'	Yellow pillar with 'X' topmark	Fl.Y.2s	NParks
SIS-03 Buoy	01°12.937' 103°49.821'	Yellow pillar with 'X' topmark	Fl.Y.2s	NParks
SIS-04 Buoy	01°13.049' 103°49.878'	Yellow pillar with 'X' topmark	Fl.Y.2s	NParks
SIS-05 Buoy	01°13.040' 103°50.013'	Yellow pillar with 'X' topmark	Fl.Y.2s	NParks
SIS-06 Buoy	01°12.924' 103°50.164'	Yellow pillar with 'X' topmark	Fl.Y.2s	NParks
NP-02 Mooring Buoy	01°12.714' 103°50.116'	Yellow can	Unlit	NParks
NP-03 Mooring Buoy	01°12.734' 103°50.004'	Yellow can	Unlit	NParks
NP-04 Mooring Buoy	01°12.772' 103°49.966'	Yellow can	Unlit	NParks
NP-05 Mooring Buoy	01°12.864' 103°49.896'	Yellow can	Unlit	NParks
NP-06 Mooring Buoy	01°12.972' 103°49.859'	Yellow can	Unlit	NParks
Mooring Buoy	01°12.742' 103°50.204'	Yellow barrel	Unlit	NParks

### III AMENDMENTS TO PUBLICATIONS

2. Page 153

**SERANGOON HARBOUR**

Insert the following:

Name Of Beacon/Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
U-1 Mooring Buoy	01°12-990' 103°58-218'	Yellow can	Unlit	MPA

**WHARVES AND BERTHS**

3. Page 165

**17 JURONG ISLAND - BANYAN BASIN (VOPAK TERMINALS SINGAPORE PTE LTD)**  
**(1°15-9'N, 103°41-0'E)**

Amend the following:

Berth	Length of Berth Box	Max LOA	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
OBV 1	291m	260m	16.5m (2006)	16.2m
OBV 2	291m	260m	16.8m (2008)	16.2m
OBV 3	181.5m	170m	11.5m (2008)	16.2m
OBV 4	146m	185m	15.8m (2008)	16.2m
OBV 5	260m	235m	15.2m (2008)	16.2m
OBV 6	260m	235m	16.5m (2012)	16.2m
OBV 7	260m	235m	16.3m (2012)	16.2m

4. Page 166

**22 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	1.7m (2014)	2.5m
OPCS6	285m	259m	14.2m (2017)	12.9m

\*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.

TT389

NIPAH NORTH CARDINAL BEACON AT LATITUDE 01°10'40"N LONGITUDE 103°39'74"E IS REPORTED UNLIT.

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.

TT425 (AMENDED 230914UTC)

BATU BERHENTI BUOY FL(2)5S WAS REMOVED FOR MAINTENANCE.

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 OCT 2017 0142Z)

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 27 NOV 2017, 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

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.

TT432

WRECK REMOVAL OPERATIONS AT RAFFLES RESERVE ANCHORAGE OF CAPSIZED DREDGER JBB DE RONG 19 WILL BE CARRIED OUT AT POSITION LAT 1°10.7'N LONG 103°44.9'E FROM 03 NOV 2017 TO 27 NOV 2017. ALL PASSING VESSELS ARE ADVISED TO KEEP WELL CLEAR FROM THE OPERATIONS AREA.

TT433

RACON DELTA BUOY Q(6)+LF.15S HAS BEEN REMOVED FOR MAINTENANCE.

**IV**  
**REPRINT OF MARITIME SAFETY INFORMATION**

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.








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ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 26<sup>th</sup> November 2017)

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

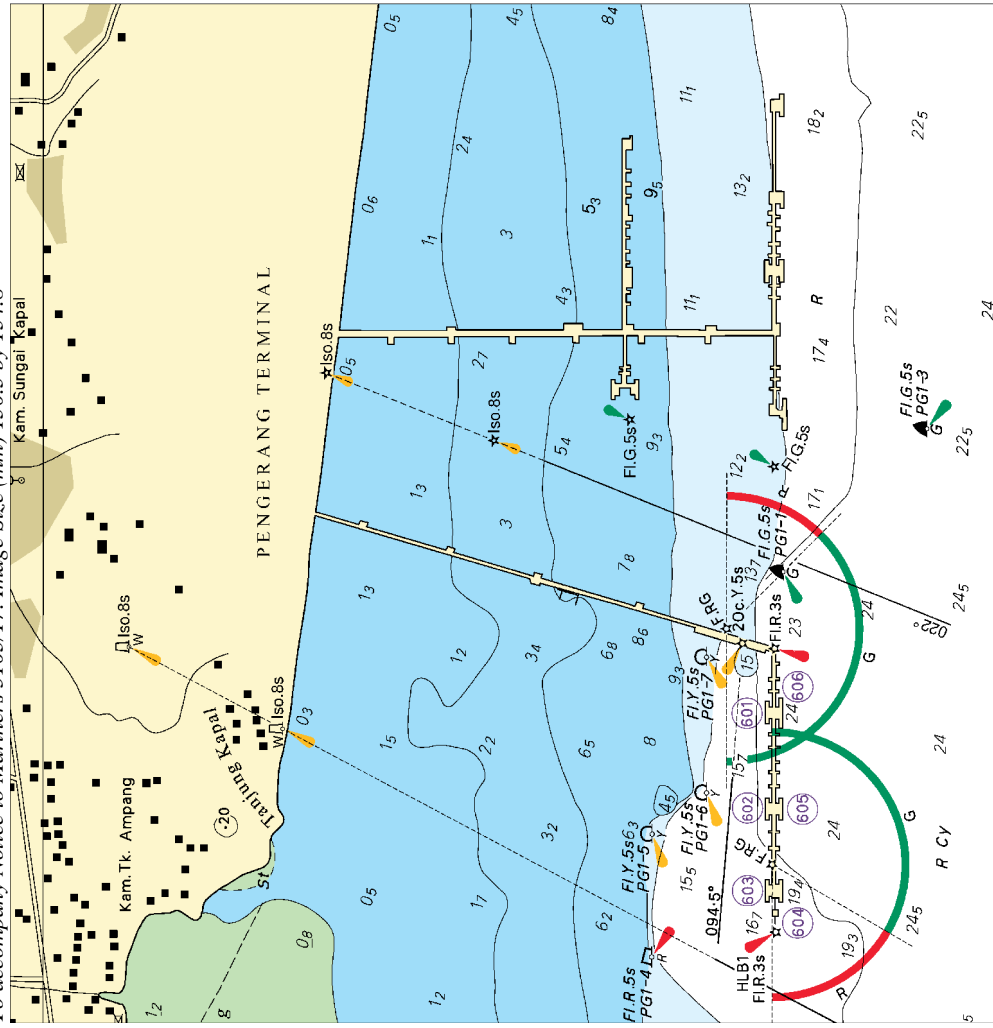
These notices can also be accessed directly from UKHO Website:

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

<b>5103</b>	<b>MALAYSIA - Peninsular Malaysia, East Coast - Johor - NM Blocks. Jetties. Lights.</b>		
<b>Chart 4042</b>	[previous update New Edition 15/06/2017] WGS84 DATUM		
Insert	the accompanying block, centred on:	1°20·0'N	104°10·4'E
<b>Chart 4043</b>	[previous update 5071/17] WGS84 DATUM		
Replace	 Oc.R.4s with  <b>Iso.8s</b>	1°20·49'N	104°09·93'E
<b>5112</b>	<b>SINGAPORE - Jurong Island E and W - Cyrene Reefs and Temasek Fairway - Buoyage</b>		
Source: Maritime and Port Authority of Singapore			
<b>Chart 4032</b>	[previous update 2603/17] WGS84 DATUM		
Insert	 <b>FI.Y.8s DHI-CYR-1</b>	1°15·544'N	103°44·786'E
	 <b>FI.Y.2s DHI-CYR-2</b>	1°15·261'N	103°45·311'E
<b>Chart 4034</b>	[previous update 4118/17] WGS84 DATUM		
Insert	 <b>FI.Y.8s DHI-CYR-1</b>	1°15·544'N	103°44·786'E
	 <b>FI.Y.2s DHI-CYR-2</b>	1°15·261'N	103°45·311'E
<b>Chart 4038</b>	[previous update 4654/17] WGS84 DATUM		
Insert	symbol, mooring buoy, <b>FI.Y.3s</b>	1°15·57'N	103°38·35'E
	symbol, mooring buoy, <b>FI.Y.5s</b>	1°15·57'N	103°38·64'E
<b>Chart 4040</b>	[previous update 4890/17] WGS84 DATUM		
Insert	symbol, mooring buoy, <b>FI.Y.3s</b>	1°15·57'N	103°38·35'E
	symbol, mooring buoy, <b>FI.Y.5s</b>	1°15·57'N	103°38·64'E
	 <b>FI.Y.8s DHI-CYR-1</b>	1°15·54'N	103°44·79'E
	 <b>FI.Y.2s DHI-CYR-2</b>	1°15·26'N	103°45·31'E

Updated to Admiralty Notices to Mariners No. 48 of 2017 dated 30<sup>th</sup> November 2017

To accompany Notice to Mariners 5103/17. Image Size (mm) 130.3 by 134.8



Block for Chart No 4042

## 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 : .....