



## SINGAPOREAN NOTICES TO MARINERS

SECTION	CONTENT	Page
I	Affected Charts & Publications	1
II	Notices to Mariners and Chart Corrections	2
	Temporary and Preliminary Notices	3
	Cancelled Temporary and Preliminary Notices	4
III	Navigational Information	5
	Amendments to Publications	6
IV	Reprint of Maritime Safety Information	9
V	Extract of Admiralty Notices to Mariners for Dual-Badged Charts	12

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

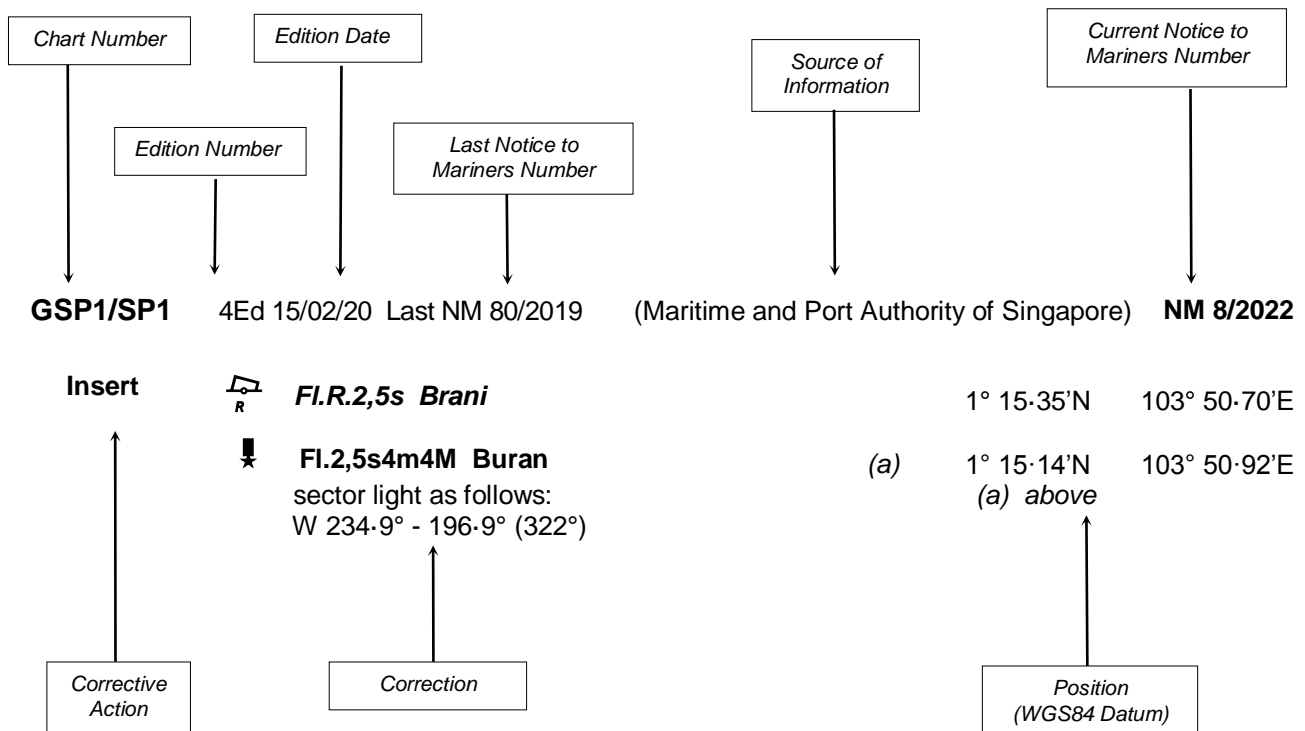
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

### Contact information:

Hydrographic Division  
Maritime and Port Authority of Singapore  
7B Keppel Road  
#20-00 Tanjong Pagar Complex  
Singapore 089055  
Tel : 1800 272 7777 / (65) 6272 7777  
Email : [hydrographic@mpa.gov.sg](mailto:hydrographic@mpa.gov.sg)

## 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/2022**).  
**P** indicates a Preliminary Notice (eg. **NM 10P/2022**).
- 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.
- # indicates where amendments are made.
- \* indicates source from 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>
*11, *12	Singaporean Chart GSP1/SP1	2
13	Singaporean Chart 201	2
14	Singaporean Chart 202	2
*15P	Temporary and Preliminary Notices	3
*16	Singapore Port Marine Notices/Circulars	5
*17	Amendments to Publications	6-8
-	Reprint of Maritime Safety Information	9-11
-	Extract of Admiralty Notices to Mariners for Dual-Badged	12-14

\*Source: Maritime and Port Authority of Singapore

## II NOTICES TO MARINERS AND CHART CORRECTIONS

**GSP1/SP1** 6 Ed 17/01/22 (Maritime Port Authority of Singapore) **\*NM 11/2022**

**Insert**  Q, North SMK 1°12·89'N 103°46·04'E

**\*NM 12/2022**

**Move**  F.I.Y 1°16·73'N 103°38·85'E

to: 1°16·77'N 103°38·97'E

**201** 6 Ed 15/09/17 Last NM 99/2021 (Indonesia Notice No. 03/027-031/2022) **NM 13/2022**

**Insert**  20 Wk 1°22·81'N 102°09·78'E

 85 Wk 1°21·87'N 102°11·08'E

**Delete**  1°23·03'N 102°10·00'E

 1°21·66'N 102°11·10'E

 1°20·38'N 102°10·00'E

**202** 8 Ed 15/09/16 Last NM 07/2022 (Indonesia Notice No. 05/056/2022) **NM 14/2022**

**Insert** depth, 3<sub>3</sub> 1°05·59'N 104°09·80'E

depth, 4<sub>3</sub> 1°04·96'N 104°10·33'E

depth, 4<sub>9</sub> 1°05·01'N 104°10·43'E

depth, 18<sub>4</sub> 1°05·75'N 104°11·13'E

## II

## TEMPORARY AND PRELIMINARY NOTICES

**\*(NM 15P/2022) :**        **RE-DESIGNATION OF BERTHS**

**Description**        :        Amendments to berth names will be updated as per Singapore Port Information 2022/2023 in the upcoming new edition charts, which has been scheduled to be published later this year.

Charts affected    :        Dual Badged BA4030, BA4033, BA4034, BA4035, BA4036 and BA4037.

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\*Source: Maritime and Port Authority of Singapore

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

**Cancelled Temporary and Preliminary Notices**

<i>No. of Notices</i>	<i>Subject</i>	<i>Charts / ENC's Affected</i>
85T/2021	Singapore - Banyan Basin - Buoy	Singaporean GSP1/SP1, Dual-badged BA4031, BA4032, SG5C4032

### III NAVIGATIONAL INFORMATION

\*(NM 16/2022)

**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>

**PMC No.****Subject**

02/2022

Stowage requirements for handling of steel cargo at publicly-licensed cargo terminals

**PMN No.****Subject**

08/2022

Repair works in Pesek Basin

09/2022

Works at Tuas Terminal Phase 2

11/2022

Construction of temporary RORO ramp at Tuas South

12/2022

Anchoring of vessels at Tuas View Extension off AVLCC

13/2022

Works at Sisters' Island Marine Park

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\*Source: Maritime and Port Authority of Singapore

1. **Page 48**

**Replace** page 48 with the following:





### III AMENDMENTS TO PUBLICATIONS

\*(NM 17/2022) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2022/2023”

#### CONTROLLING DEPTHS OF NAVIGATIONAL CHANNELS AND FAIRWAYS

#### 2. Page 109

**Insert** the following:

LOCATIONS	DEPTHS (m)	REMARKS
Southern Fairway	16·4	Note: A high spot of 13·7m exists bearing 212.5°(T) x 648m from Tembakul Beacon

**Amend** the following:

LOCATIONS	DEPTHS (m)	REMARKS
Temasek Fairway	16·2	Note: A high spot of 12·1m exists bearing 186.4°(T) x 313m from TP2 Beacon
	15·1	
West Jurong Channel	12·5	Note: A high spot of 12·0m exists bearing 230.6°(T) x 290m from Tembuan Buoy
East Keppel Fairway (Eastern half)	16·0	Deep water channel
Buran Channel	8·9	

#### CHARACTERISTICS OF AIDS TO NAVIGATION

#### 3. Page 135

##### WEST JOHOR STRAIT

**Amend** the following:

Name Of Beacon / Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
TP2 Beacon (Jetty East End)	01°16·774' 103°38·972'	Yellow pole	Fl.Y.2s5m10M	Tuas Power Ltd

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\*Source: Maritime and Port Authority of Singapore

### III AMENDMENTS TO PUBLICATIONS

\*(NM 17/2022) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2022/2023”

#### CHARACTERISTICS OF AIDS TO NAVIGATION

##### 4. Page 145

##### SELAT PAUH

Insert the following:

Name Of Beacon / Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
North SMK	01°12·889' 103°46·037'	Double black cones topmark point upward on black	Q.W	SOSB-DIAP CONSORTIUM

#### WHARVES AND BERTHS

##### 5. Page 186

PULAU SAMULUN - JURONG SHIPYARD PTE LTD (REPAIR DIVISION) (1°18·1'N, 103°42·0'E)

Amend the following:

Mooring Quay	Length of Berth Box	Depth Alongside (Year Surveyed)	Approach Depth
West Quay - YJWQ	403m	4·3m (2000)	-

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\*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.

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 AND 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.

TT961

VESSELS INTENDING TO CROSS THE TRAFFIC SEPARATION SCHEME (TSS) OR PRECAUTIONARY AREAS IN THE SINGAPORE STRAIT DURING THE HOURS OF DARKNESS ARE RECOMMENDED TO DISPLAY THE NIGHT SIGNALS CONSISTING OF 3 ALL ROUND GREEN LIGHTS IN A VERTICAL LINE AS DETAILED IN THE MARITIME AND PORT AUTHORITY OF SINGAPORE'S PORT MARINE CIRCULAR, 04 OF 2013 DATED 7 MAY 2013.

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.

TT175

VESSELS IN EAST JOHOR STRAIT ARE ADVISED TO NAVIGATE WITH PARTICULAR ALERTNESS AND CAUTION WHEN NEAR THE PROJECT AREAS OFF PULAU TEKONG, CHANGI AND MALANG PAPAN AS SHALLOW WATER AREAS EXIST. VESSELS ARE REMINDED TO PROCEED AT A SAFE SPEED AND MAINTAIN A PROPER LOOK-OUT, PARTICULARLY FOR TUGS AND BARGES NAVIGATING NEAR THE PROJECT AREAS AND PASSENGER FERRIES CROSSING BETWEEN CHANGI AND PULAU TEKONG AND VICINITY OF PASIR GUDANG.

TT820

THERE IS A REPORT OF AN UNAUTHORIZED BOARDING ON 28 FEB 2022 AT 0200LT IN POSITION LAT 01-02.82N LONG 103-38.11E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT819

THERE IS A REPORT OF AN UNAUTHORIZED BOARDING ON 26 FEB 2022 AT 0238LT IN POSITION LAT 01-03.77N LONG 103-41.10E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT818 (AMENDED 252130Z)

THERE IS A REPORT OF AN UNAUTHORIZED BOARDING ON 25 FEB 2022 AT 0240LT IN POSITION LAT 01-15.23N LONG 104-08.75E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT817

THERE IS A REPORT OF AN ATTEMPTED UNAUTHORIZED BOARDING ON 24 FEB 2022 AT 0114LT IN POSITION LAT 01-08.97N LONG 103-45.30E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

SR463

REPORT OF ONE MISSING CREW FROM MT. STOLT GLORY AT 1220 UTC 21 FEB 2022 IN POSITION LAT 02-25.75N LONG 104-25.98E.

ALL VESSELS IN THE VICINITY ARE REQUESTED TO KEEP A SHARP LOOKOUT, RENDER NECESSARY ASSISTANCE AND REPORT ANY SIGHTING TO NEAREST MRCC MALAYSIA OR MRCC SINGAPORE VIA TEL +65 62265539 OR EMAIL: POCC@MPA.GOV.SG

## IV REPRINT OF MARITIME SAFETY INFORMATION

The following Maritime Safety Information have been shortlisted, as they would be of particular interest to mariners.

TT816

THERE IS A REPORT OF AN UNAUTHORISED BOARDING ON 18 FEB 2022 AT 2052LT IN POSITION LAT 01-15.03N LONG 104-02.01E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT815

THERE IS A REPORT OF AN UNAUTHORISED BOARDING ON 17 FEB 2022 AT 0208LT IN POSITION LAT 01-15.19N LONG 104-04.16E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT814

THERE IS A REPORT OF AN UNAUTHORISED BOARDING ON 16 FEB 2022 AT 2158LT IN POSITION LAT 01-14.47N LONG 104-03.20E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH.

TT813 (AMENDED 221010H FEB 22)

SALVAGE OPERATION BEING CARRIED OUT BY CRANE BARGE "POE GIANT 18" TO REMOVE SUNKEN CRANE BOOM IN POSITION LAT 01-11.81N LONG 103-38.26E  
ALL VESSELS ARE ADVISED TO KEEP AT LEAST 500M FROM SALVAGE OPERATION AREA.

TT812

THERE IS A REPORT OF AN UNAUTHORISED BOARDING ON 12 FEB 2022 AT 0330LT IN POSITION LAT 01-17.0N LONG 104-18.4E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI-PIRACY WATCH

TT788 (AMENDED ON 08 DEC 2021 0250UTC)

RACON CODE K (3 & 10 CM) AT SULTAN SHOAL LIGHTHOUSE IN POSN LAT 01 14.377N LONG 103 38.884E HAS BEEN TEMPORARILY REMOVED FOR MAINTENANCE. MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT783 (AMENDED ON 221130UTC NOV 21)

BANYAN BEACON AT POSITION 01-13.346 N 103-41.585E WAS REMOVED FOR MAINTENANCE. AN ISO DANGER BUOY WITH LIGHT CHARACTER , FL(2) 10S IS DEPLOYED AT POSITION 01-13.313N, 103-41.543E.

TT771

BUFFALO ROCK ISOLATED DANGER BUOY IN THE CHARTED POSITION 01-09.410N 103-48.800E WAS REPORTED UNLIT. ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT765 (Amended 200930H)

CONDUCTING OF RECLAMATION WORKS BOUNDED BY THE FOLLOWING COORDINATES FROM 1 SEP 2021.

1. 01-19.63N 104-24.08E
2. 01-20.05N 104-24.08E
3. 01-20.28N 104-24.51E
4. 01-20.26N 104-24.59E
5. 01-20.18N 104-24.70E
6. 01-20.06N 104-24.78E
7. 01-19.88N 104-24.84E
8. 01-19.68N 104-24.83E
9. 01-19.63N 104-24.80E

VESSELS PASSING IN THE VICINITY ARE ADVISED TO GIVE A WIDE BERTH AND NAVIGATE WITH CAUTION.

TT643

THERE IS REPORT OF CONCENTRATION OF FISHING VESSELS OBSERVED IN THE EASTBOUND TRAFFIC LANE IN THE VICINITY BETWEEN BUFFALO ROCK AND BATU BERHANTI. ALL VESSELS ARE ADVISED TO PROCEED AT A SAFE SPEED, KEEP A SHARP LOOK OUT AND NAVIGATE WITH EXTREME CAUTION AT ALL TIME.

#### IV

### REPRINT OF MARITIME SAFETY INFORMATION

The following Maritime Safety Information have been shortlisted, as they would be of particular interest to mariners.

#### TT642

ALL MARINERS NAVIGATING THROUGH THE STRAIT OF SINGAPORE ARE REMINDED TO MAINTAIN CLOSE AND CONTINUOUS MONITORING OF VESSEL'S POSITION. IN DETERMINING RISK OF GROUNDING, DIFFERENT METHODS OF POSITION FIXING SHOULD ALSO BE USED AS MEANS OF CROSS-CHECKING.

#### TT426

ALL MARINERS ARE REMINDED TO NAVIGATE WITH CAUTION IN THE PRECAUTIONARY AREAS AND TSS, MAINTAIN A GOOD LOOKOUT FOR CROSSING TRAFFIC. VESSELS INTENDING TO CROSS THE TSS SHALL DO SO ONLY WHEN IT IS SAFE AND SHALL AT ALL TIMES COMPLY WITH THE COLREGS.

#### TT399

VESSELS ARRIVING TO SINGAPORE OR TRANSITING THROUGH THE STRAIT ARE RECOMMENDED TO UPDATE THEIR DESTINATION ACCURATELY IN THE AIS TO ENHANCE SITUATIONAL AWARENESS FOR OTHER TRAFFIC IN THE VICINITY. EG: SG-PEBGB FOR PILOT EASTERN BOARDING GROUND BRAVO.

#### TT363 (AMENDED ON 140821UTC APRIL 2019).

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. MARINERS ARE ALSO REMINDED THAT EVERY CARE SHOULD BE TAKEN TO AVOID ANCHORING IN THE VICINITY OF SUBMARINE CABLES OR PIPELINES.

#### SR123 (AMENDED ON 100800UTC JUNE 2020).

SEA ROBBERIES ARE REPORTED IN THE SINGAPORE STRAIT. MARINERS ARE TO MAINTAIN A CONSTANT VISUAL AND RADAR WATCH FOR SMALL CRAFT AND REPORT ANY SUSPICIOUS ACTIVITIES IN THE SINGAPORE STRAIT TO VTIS SINGAPORE.

## V

# EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

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

## 566(T)/22 SINGAPORE - Depth.

Source: Maritime and Port Authority of Singapore

1. A depth of 12.1m exists within the Temasek Fairway in position 1° 16'·559N., 103° 38'·833E.
2. Mariners are advised to navigate with caution in the area.  
(WGS84 DATUM)

**Charts affected - 4030 - 4033 - 4038 - 4040**

## 613\* SINGAPORE - Dredged depths.

Source: Maritime and Port Authority of Singapore

**Chart 4031** [ *previous update 284/22* ] (WGS84 DATUM)

<b>Amend</b>	dredged depth to, 15.3m (2021), centred on:	1°15'·948N., 103°41'·111E
	dredged depth to, 16.2m (2021), centred on:	1°15'·915N., 103°41'·075E

**Chart 4032** [ *previous update 5105/21* ] (WGS84 DATUM)



<b>Amend</b>	dredged depth to, 15.3m (2021), centred on:	1°15'·948N., 103°41'·111E
	dredged depth to, 16.2m (2021), centred on:	1°15'·915N., 103°41'·075E

## 628\* SINGAPORE - Mooring buoy. Buoyage. Floating barriers.

Source: Maritime and Port Authority of Singapore

**Chart 4037** [ *previous update 5106/21* ] (WGS84 DATUM)

<b>Insert</b>	floating barrier, pecked line, joining:	(a)	1°14'·202N., 103°49'·974E. 1°14'·231N., 103°49'·936E. 1°14'·258N., 103°49'·889E. 1°14'·285N., 103°49'·846E. 1°14'·304N., 103°49'·823E. 1°14'·343N., 103°49'·776E. 1°14'·363N., 103°49'·755E. 1°14'·377N., 103°49'·748E.
		(b)	1°14'·397N., 103°49'·730E.

	 Oc(2)Y.6s SC		1°14'·343N., 103°49'·776E
<b>Move</b>	 Oc(2)Y.6s SC1,	from:	1°14'·263N., 103°49'·893E
	to:		1°14'·258N., 103°49'·891E

## V

# EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

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



UC 1, from:

1°16'·343N., 103°52'·200E

to:

1°16'·285N., 103°52'·250E

**Delete**

former floating barrier, pecked line, joining:

(a) above

1°14'·345N., 103°49'·786E.

1°14'·368N., 103°49'·784E.

and

1°14'·380N., 103°49'·786E.

1°14'·385N., 103°49'·754E.

(b) above

## 683 SINGAPORE - Floating barriers. Buoyage.

Source: Maritime and Port Authority of Singapore

**Chart 4034** [ previous update 5105/21 ] (WGS84 DATUM)

**Insert**

floating barrier, pecked line, joining:

(a) 1°15'·319N., 103°48'·537E.

(b) 1°15'·397N., 103°48'·456E.

(c) 1°15'·515N., 103°48'·361E.

(d) 1°15'·537N., 103°48'·344E.

(a) to (d) above

legend, *Floating Barrier*, along:



Fl.Y.2s (sync) SB 1, from:

(e) 1°15'·539N., 103°48'·349E.

to:

(d) above



Fl.Y.2s (sync) SB 3, from:

1°15'·520N., 103°48'·368E.

to:

(c) above



Fl.Y.2s (sync) SB 4, from:

1°15'·401N., 103°48'·461E.

to:

(b) above

**Delete**

former floating barrier, pecked line, and associated legend,  
*Floating Barrier*, between:

(a) above

(e) above

**Chart 4035** [ previous update 2337/21 ] (WGS84 DATUM)

**Insert**

floating barrier, pecked line, joining:

(a) 1°15'·319N., 103°48'·537E.

(b) 1°15'·397N., 103°48'·456E.

(c) 1°15'·515N., 103°48'·361E.




(d) 1°15'·537N., 103°48'·344E.

## V

# EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL BADGED CHARTS

These notices can also be accessed directly from UKHO Website:

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

<b>Move</b>		<i>Fl. Y. 2s (sync) SB 1</i> , from:	(e)	1°15'·539N., 103°48'·349E.
	to:		(d)	above
		<i>Fl. Y. 2s (sync) SB 3</i> , from:		1°15'·520N., 103°48'·368E.
	to:		(c)	above
		<i>Fl. Y. 2s (sync) SB 4</i> , from:		1°15'·401N., 103°48'·461E.
	to:		(b)	above

<b>Delete</b>	former floating barrier, pecked line, between:	(a)	above
		(e)	above

## 685 SINGAPORE - NM Blocks.

Source: Maritime and Port Authority of Singapore

**Chart 4030** [ *previous update 284/22* ] (WGS84 DATUM)

<b>Insert</b>	the accompanying block A centred on:	1°16'·7N., 103°38'·8E.
	the accompanying block B centred on:	1°15'·3N., 103°38'·0E.

**Chart 4033** [ *previous update 284/22* ] (WGS84 DATUM)

<b>Insert</b>	the accompanying block A centred on:	1°16'·7N., 103°38'·8E.
	the accompanying block B centred on:	1°15'·3N., 103°37'·9E.



## **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 : 1800 272 7777 / (65) 6272 7777

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 : .....

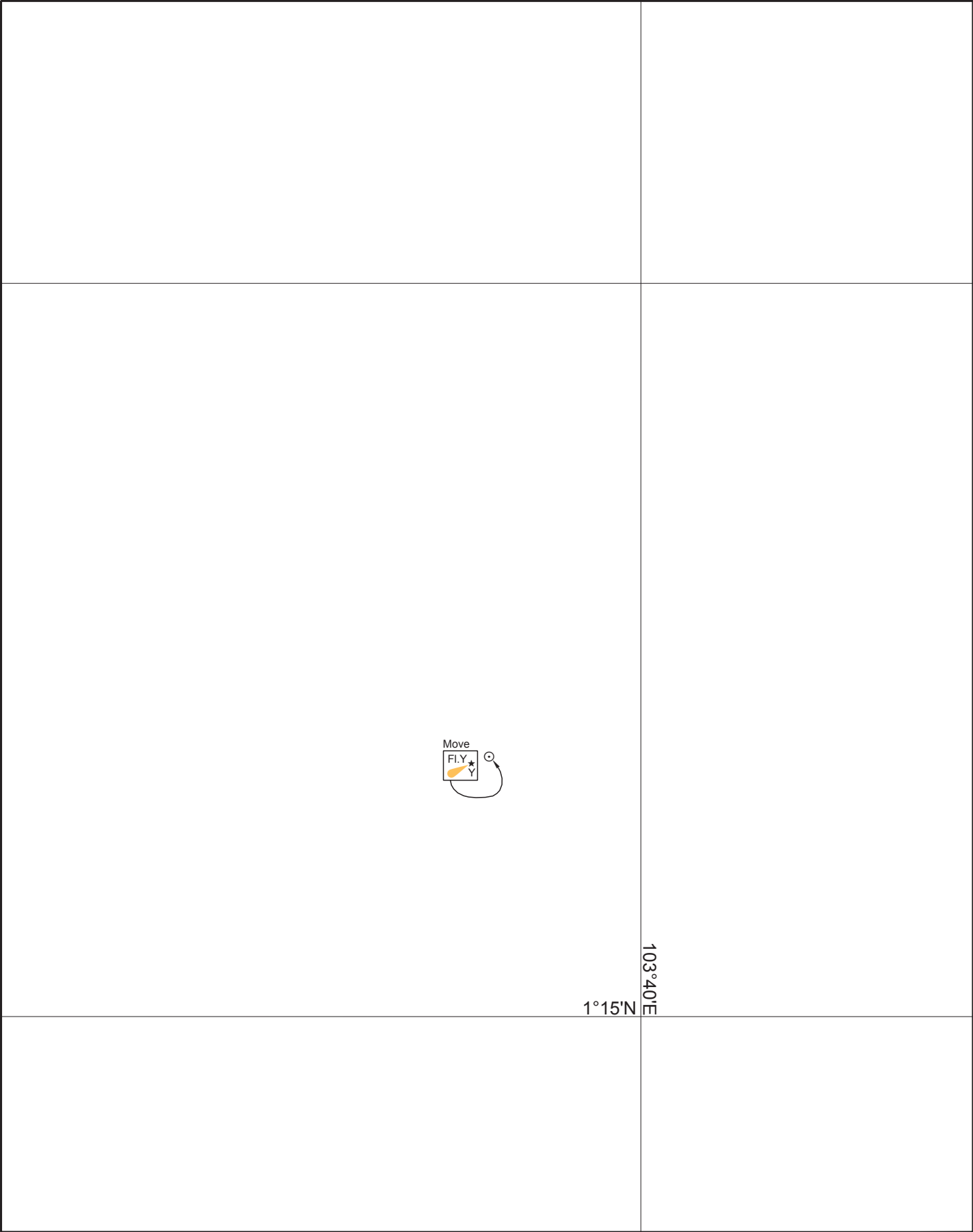
Name and Signature : .....

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



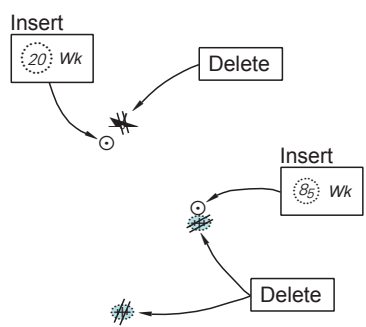
CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
11	03/2022	-	GSP1/SP1		X	

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



CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
12	03/2022	11/2022	GSP1/SP1	X		

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



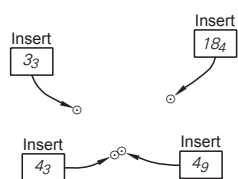
1°20'N

10'

102° 20'

				Location on Chart		
CORRECTION NO.	SNM EDN NO.	LAST CORRNO NO.	CHART NO.			
13	03/2022	99/2021	201	X		

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



104°20'E  
1°00'N

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
14	03/2022	07/2022	202		X	

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