



MPA
SINGAPORE

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 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 of Singapore's Website: www.mpa.gov.sg

MPA Telegram Channel: MPA has launched a Telegram channel for notices and circulars. To stay updated, please subscribe via the following link <https://go.gov.sg/mpa-telegram> or scan the QR code:



<https://go.gov.sg/mpa-telegram>

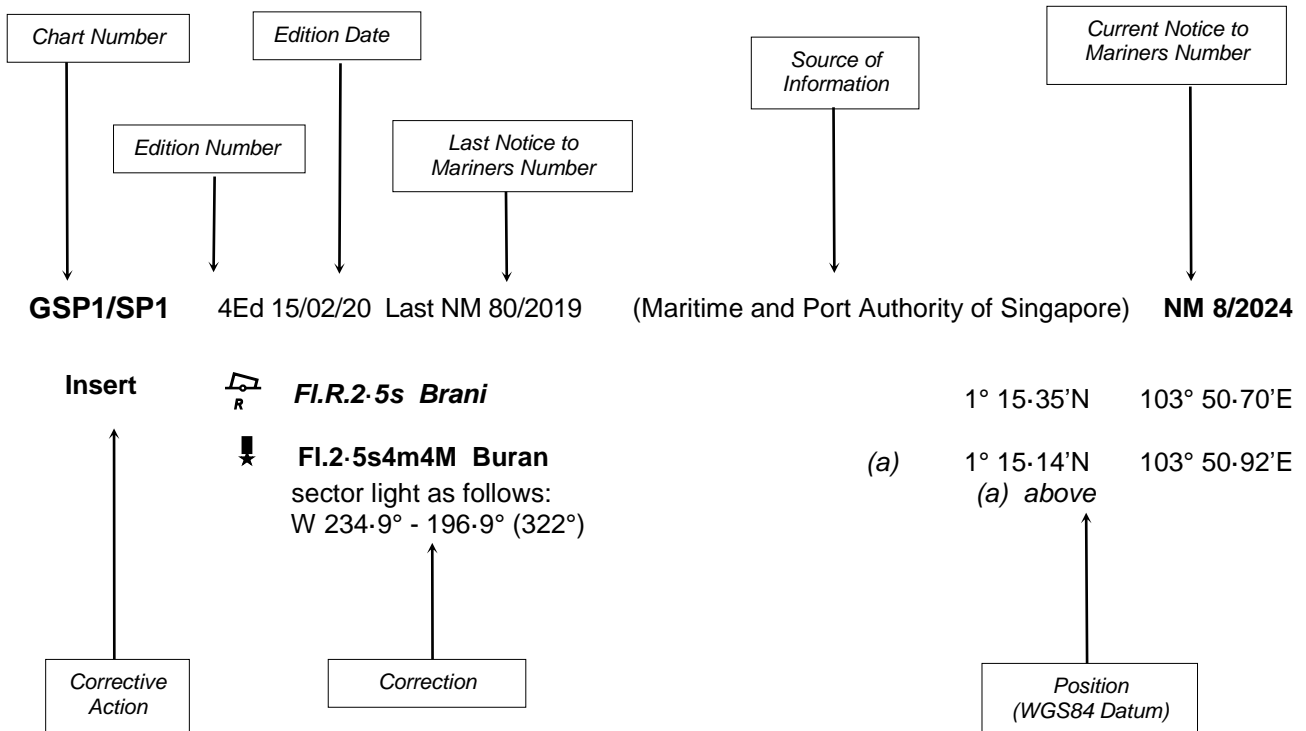
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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Singapore 089055
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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/2024**).
 - P** indicates a Preliminary Notice (eg. **NM 10P/2024**).
- 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

NOTICE NO.	DESCRIPTION	PAGE NO.
*23, *24, *25	Singaporean Chart GSP1/SP1	2
*24	Singaporean Chart 501	2
*23	Singaporean Chart 502	2
-	Cancelled Temporary and Preliminary Notices	4
*26	Singapore Port Marine Notices/Circulars	5
*27	Amendments to Publications	6 - 8
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*Source: Maritime and Port Authority of Singapore

II
NOTICES TO MARINERS AND CHART CORRECTIONS

GSP1/SP1	8 Ed 17/01/24	(Maritime and Port Authority of Singapore)	*NM 23/2024
Insert	 <i>Wk</i>		1°20·33'N 104°03·12'E
		(Maritime and Port Authority of Singapore)	*NM 24/2024
Delete	Flare stack, (136)		1°14·04'N 103°45·43'E
		(Maritime and Port Authority of Singapore)	*NM 25/2024
Replace	 <i>with</i> 		1°17·48'N 103°45·03'E
<hr/>			
501	7 Ed 01/09/15 Last NM 15/2024	(Maritime and Port Authority of Singapore)	*NM 24/2024
Delete	Flare stack, (136)		1°14·04'N 103°45·43'E
<hr/>			
502	9 Ed 15/10/21 Last NM 16/2024	(Maritime and Port Authority of Singapore)	*NM 23/2024
Insert	 <i>Wk</i>		1°20·33'N 104°03·12'E

*Source: Maritime and Port Authority of Singapore

II
TEMPORARY AND PRELIMINARY NOTICES

NIL

II
TEMPORARY AND PRELIMINARY NOTICES

Cancelled Temporary and Preliminary Notices

<i>No. of Notices</i>	<i>Subject</i>	<i>Charts Affected</i>
7T/2023	Sunken vessel 'Sakura 2' in Changi Barge Temporary Holding (ACBTH) Anchorage	Singaporean GSP1/SP1,202, 502 Dual Badged BA4042,BA4043, BA4044 Singaporean ENC SG5C4043
12T/2023	Least depth within Tanah Merah Ferry Terminal	Dual Badged BA4041, BA4043 Singaporean ENC SG5C4041

III
NAVIGATIONAL INFORMATION

***(NM 26/2024) 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-notice>

PMC No. Subject

03/2024 Adoption of testing enhancements for marine fuel intended to be delivered as bunkers in the port of Singapore

PMN No. Subject

08/2024 Revetment repair works and seawall spalling concrete repair works in the vicinity of Changi Beach area

09/2024 Marine soil investigations works at Gul Basin

10/2024 Tidal energy trail off Pulau Satumu

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 27/2024) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2024”

The Singapore Port Information 2024 including the following updates can be accessed directly from MPA Website:

<https://www.mpa.gov.sg/who-we-are/newsroom-resources/publications/singapore-port-information>

CHARACTERISTICS OF AIDS TO NAVIGATION

TUAS VIEW EXTENSION

1. Page 55

Amend the following:

Name Of Beacon / Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
HD TWC 5	01°18·466' 103°37·074'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC
HD TWC 6	01°17·937' 103°36·988'	Yellow pillar with 'X' topmark	Fl.Y.2s (sync)	HDEC

RETAN DARAT CHANNEL

2. Page 63

Amend the following:

Name Of Beacon / Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Retan A Buoy	01°17·480' 103°45·035'	Red can	Fl.R.2,5s	MPA

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 27/2024) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2024”

The Singapore Port Information 2024 including the following updates can be accessed directly from MPA Website:

<https://www.mpa.gov.sg/who-we-are/newsroom-resources/publications/singapore-port-information>

CHARACTERISTICS OF AIDS TO NAVIGATION

PULAU TEKONG

3. Page 79

Amend the following:

Name Of Beacon / Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Calder Buoy	01°23·038' 104°05·158'	Red Can	Fl.R.8s	TSJV
Kees Beacon	01°20·090' 104°05·009'	Double black cones topmark point downward, on yellow black tubular tower pivoted at base, Buoyant Beacon	Q(6)W+LFl.W.15s	TSJV
Malang Tiga Buoy	01°23·041' 104°01·414'	Green conical	Fl.G.2,5s	TSJV
Nelayan Buoy	01°21·851' 104°02·817'	Green conical	Fl.G.4s	TSJV
North Tekong Buoy	01°26·020' 104°01·033'	Double black cones topmark pointing upward on black yellow pillar	Q.W	TSJV
Red Calder Buoy	01°21·754' 104°04·681'	Red can	Fl.R.4s	TSJV
Tekong Buoy	01°25·409' 104°00·441'	Green conical	Fl(3)G.15s	TSJV
Tekong 1 Buoy	01°22·589' 104°01·947'	Green conical	Fl.G.4s	TSJV
Tekong 3 Buoy	01°23·351' 104°01·054'	Green conical	Fl.G.2s	TSJV
Tekong 5 Buoy	01°24·216' 104°00·760'	Green conical	Fl.G.4s	TSJV
Tekong 6 Buoy	01°24·583' 104°00·635'	Green conical	Fl(2)G.10s	TSJV
Tekong 9 Buoy	01°21·067' 104°03·744'	Green conical	Fl.G.4s	TSJV
Tekong 10 Buoy	01°21·072' 104°04·781	Red can	Fl.R.2s	TSJV
Tekong 11 Buoy	01°22·257' 104°04·879'	Red can	Fl.R.6s	TSJV

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 27/2024) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2024”

The Singapore Port Information 2024 including the following updates can be accessed directly from MPA Website:

<https://www.mpa.gov.sg/who-we-are/newsroom-resources/publications/singapore-port-information>

CHARACTERISTICS OF AIDS TO NAVIGATION

PULAU TEKONG

4. Page 80

Amend the following:

Name Of Beacon / Buoy	Position Lat. N Long. E Deg Min	Structure, Colour & Shape	Light Characteristic	Owner
Tekong 18 Buoy	01°26·270' 104°01·347'	Yellow pillar	Fl.Y.4s	TSJV
Tekong 19 Buoy	01°26·541' 104°02·352'	Double black cones topmark pointing upward on black yellow pillar	Q.W	TSJV
Tekong 20 Buoy	01°26·257' 104°03·480'	Yellow pillar	Fl.Y.2s	TSJV
Tekong 21 Buoy	01°20·604' 104°04·302'	Green conical	Fl.G.2s	TSJV
Tekong 22 Buoy	01°23·658' 104°05·396'	Red can	Fl.R.10s	TSJV
Tekong 23 Buoy	01°24·374' 104°05·375'	Red can	Fl.R.2s	TSJV
West Tekong Buoy	01°25·166' 104°00·431'	Double black cones point to point on yellow with black horizontal band pillar	Q(9)W.15s	TSJV

*Source: Maritime and Port Authority of Singapore

IV
REPRINT OF MARITIME SAFETY INFORMATION

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.

TT039

CABLE VESSEL "MIRAERO" AND ASSISTED BY A SAFETY BOAT ARE CARRYING OUT POST LAY INSPECTION AND BURIAL WORKS IN THE SINGAPORE STRAIT FROM SOUTH OF TSS EAST BOUND LANE OF VTIS SECTOR 9 PASSING SOUTH OF EAST BOUND LANE TOWARDS SOUTH CHINA SEA, FROM 27 FEB 2024 (1200HRS) TO 29 FEB 2024 (1200). TRANSITTING VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

SR456

PAN PAN, PAN PAN, PAN PAN

A CREW FROM FISHING VESSEL KNF 6688 WAS REPORTED MISSING AT APPROX POSN LAT 06-13.88N LONG103-52.52E ON 26 FEB 2024 AT ABOUT 0700H LT. ALL VESSELS IN THE VICINITY ARE REQUESTED TO KEEP A SHARP LOOK OUT, RENDER NECESSARY ASSISTANCE AND REPORT ANY SIGHTINGS TO MRCC SINGAPORE VIA TEL: +65 6226 5539.

TT038

THERE IS A REPORT OF UNAUTHORISED BOARDING ON 20 FEB 2024 AT 0454LT IN POSITION LAT 01-08.28N LONG 103-29.15E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI PIRACY WATCH.

IV
REPRINT OF MARITIME SAFETY INFORMATION

TT037 (AMENDED 21/0300Z FEB 24)

RACON D IN POSITION 01-03.590N 103-38.853E IS REPORTED NOT OPERATIONAL. ALL VESSELS NAVIGATING IN THE VICINITY ARE ADVISED TO NAVIGATE WITH CAUTION.

TT031

ISOLATED DANGER BUOY IN POSITION LAT 01-17.70N LONG 104-11.08E HAD BEEN REPORTED UNLIT. VESSELS IN THE VICINITY ARE ADVISED TO KEEP A GOOD LOOKOUT AND NAVIGATE WITH CAUTION.

TT028

PIATU BEACON (Y FL 5S 3M) IN POSITION LAT 01-18.539N LONG 103-38.302E IS REPORTED UNLIT. ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT926 (AMENDED ON 03 FEB 23)

A WOODEN CRAFT HAS SUNK IN POSITION LAT 01-20.32N LONG 104-03.117E. ALL VESSELS ARE ADVISED TO KEEP WELL CLEAR OF THE NAVIGATIONAL HAZARD.

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.

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

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.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 28th February 2024)

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>

582* SINGAPORE - Buoyage.

Source: Maritime and Port Authority of Singapore

Chart 4043 [*previous update 2473/23*] WGS84 DATUM

Insert	 <i>Fl.Y.4s CEF02</i>	1° 20'·71N., 104° 02'·64E.
	 <i>Fl.Y.4s CEF01</i>	1° 20'·71N., 104° 02'·35E.
	 <i>Fl.Y.4s CEF04</i>	1° 20'·50N., 104° 02'·08E.

Chart 4044 [*previous update 3753/23*] WGS84 DATUM

Insert	 <i>Fl.Y.4s CEF02</i>	1° 20'·71N., 104° 02'·64E.
	 <i>Fl.Y.4s CEF01</i>	1° 20'·71N., 104° 02'·35E.
	 <i>Fl.Y.4s CEF04</i>	1° 20'·50N., 104° 02'·08E.

572(T)/24 SINGAPORE - Wreck. Virtual aid to navigation.

Source: Maritime and Port Authority of Singapore

1. A sunken vessel 'JPO BRAVO', least depth 19·8m, exists in position 1° 16'·368N., 103° 55'·259E., within Eastern Fairway.
2. A virtual aid to navigation (V-AIS), isolated danger topmark, has been established to mark the sunken vessel.
3. Mariners are advised to navigate with caution in the area.

(WGS84 DATUM)

Charts affected - 3831 - 3833 - 4037 - 4041

597 MALAYSIA - Peninsular Malaysia, East Coast - Buoy.

Source: Marine Department, Malaysia Notice 248/23

Chart 4038 [*previous update 234/24*] WGS84 DATUM

Delete	 <i>Fl(4)Y.10s</i>	1° 15'·26N., 103° 33'·54E.
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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>

657* SINGAPORE - Buoyage.

Source: Maritime and Port Authority of Singapore

Chart 4030 [*previous update 4633/23*] WGS84 DATUM


Insert	 PHBJV-MB-2	1° 13'·468N., 103° 37'·786E.
	 PHBJV-MB-3	1° 13'·464N., 103° 37'·929E.
	 PHBJV-MB-4	1° 13'·466N., 103° 38'·076E.

Chart 4038 [*previous update 597/24*] WGS84 DATUM

Insert	 PHBJV-MB-2	1° 13'·47N., 103° 37'·79E.
	 PHBJV-MB-3	1° 13'·46N., 103° 37'·93E.
	 PHBJV-MB-4	1° 13'·47N., 103° 38'·08E.

Chart 4039 [*previous update 256/24*] WGS84 DATUM


Insert	 PHBJV-MB-2	1° 13'·47N., 103° 37'·79E.
	 PHBJV-MB-3	1° 13'·46N., 103° 37'·93E.
	 PHBJV-MB-4	1° 13'·47N., 103° 38'·08E.

Chart 4040 [*previous update 256/24*] WGS84 DATUM

Insert	 PHBJV-MB-2	1° 13'·47N., 103° 37'·79E.
	 PHBJV-MB-3	1° 13'·46N., 103° 37'·93E.
	 PHBJV-MB-4	1° 13'·47N., 103° 38'·08E.

826 SINGAPORE STRAIT - Wreck.

Source: ENC MS3IK2EB

Chart 4039 [*previous update 657/24*] WGS84 DATUM

Insert	 245°Wk	1° 03'·91N., 103° 38'·29E.
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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

Sender's Contact Details :

Date :
Name of Vessel :
Address of Sender :
Tel :
Email :

Nature of Observation :

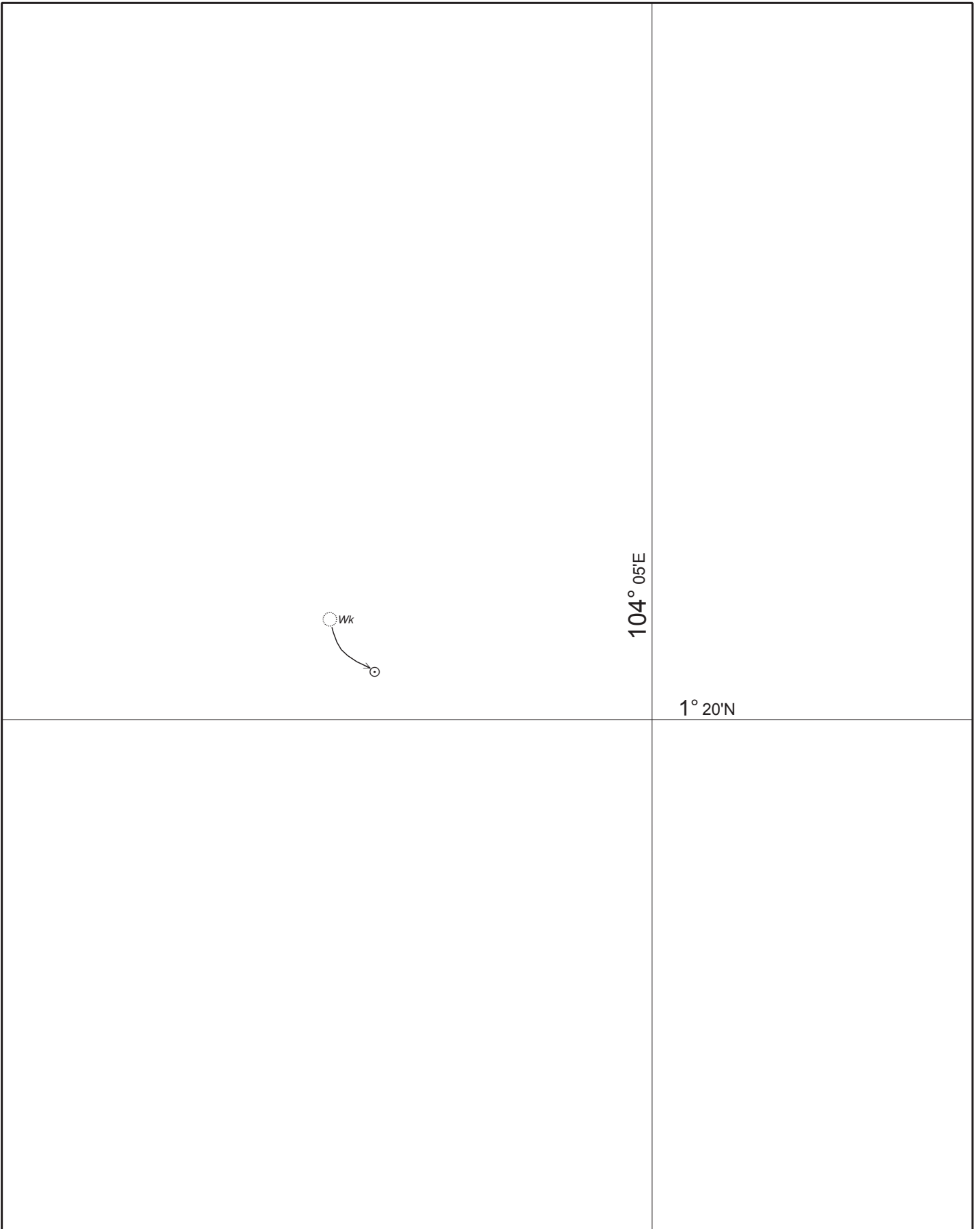
General Location :
Subject :
Position : Lat. Long.
Charts Used :
Date & Time of Observation :
Details :
.....
.....
Attachment :

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 NO.	CHART NO.	Location on Chart		
23	03	-	GSP1/SP1			X

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

in lieu
Fl. R. 

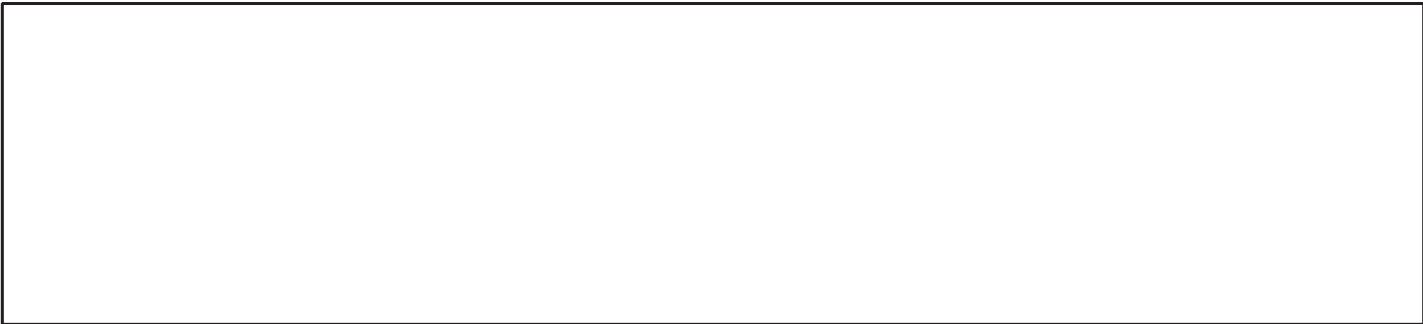
1°15'N



103°45'E

CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
24 & 25	03	23	GSP1/SP1	X		

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



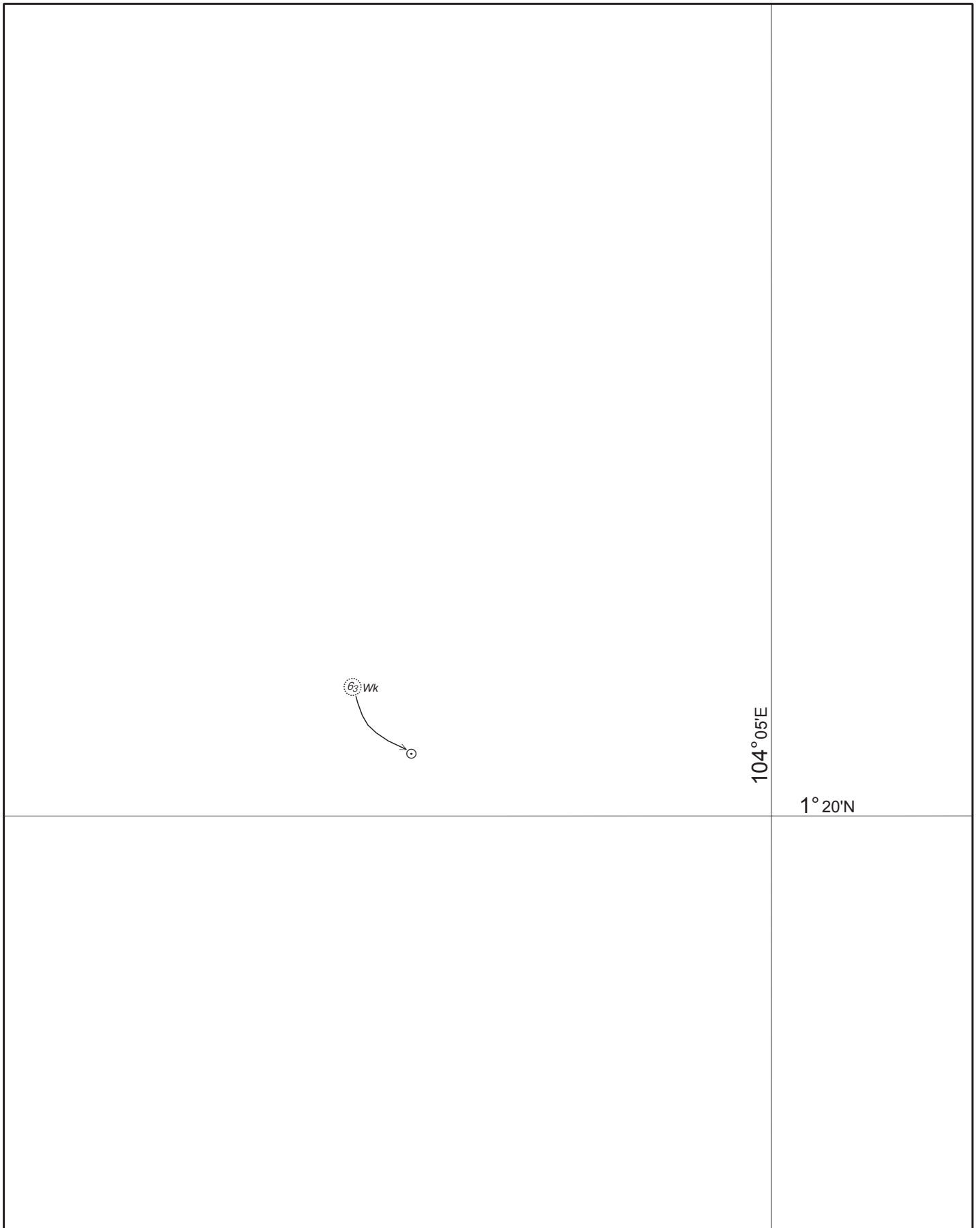
103° 45'

1°15'N



CORRECTION NO.	SNM EDN NO.	LAST CORR N NO.	CHART NO.	Location on Chart		
					X	
24	03	15	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 NO.	CHART NO.	Location on Chart		
					X	
23	03	16	502			

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