



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>

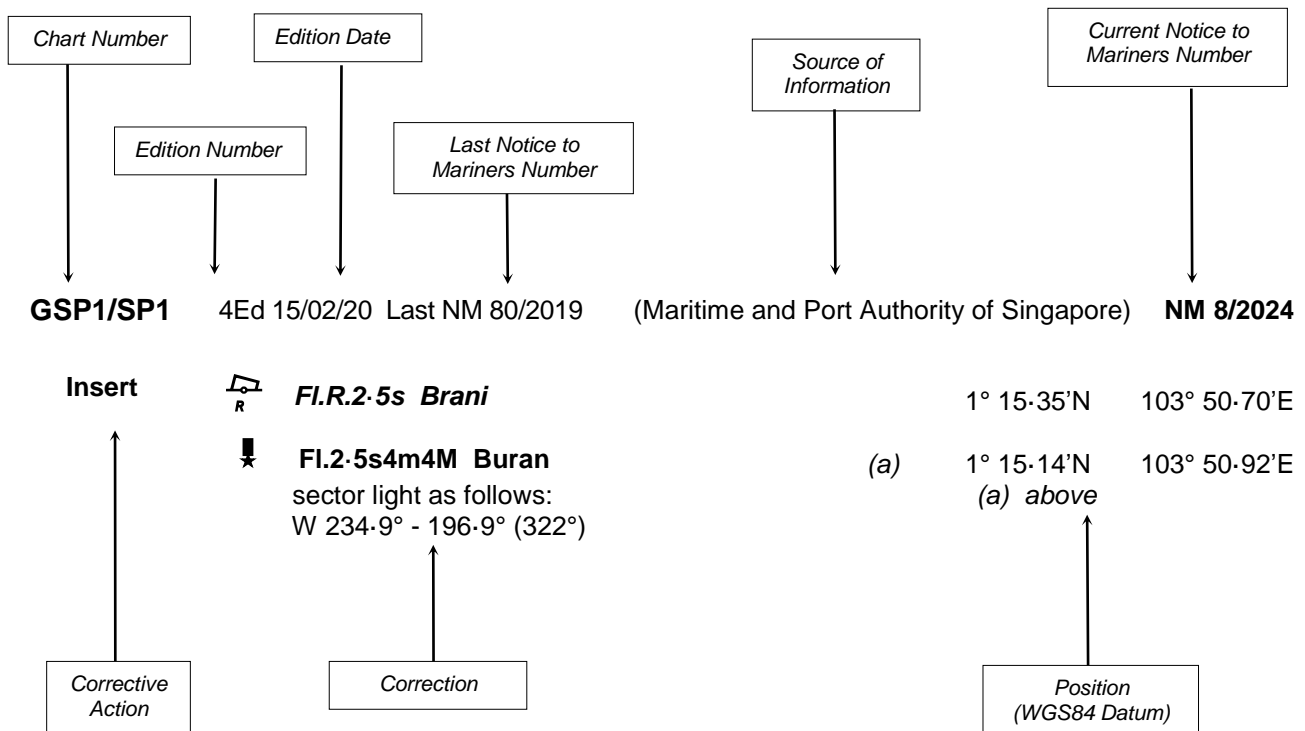
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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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 9T/2024**).
 - P** indicates a Preliminary Notice (eg. **NM 10P/2024**).
- 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.
- d) **#** indicates where amendments are made.
- e) ***** indicates source from Maritime and Port Authority of Singapore.

I
AFFECTED CHARTS AND PUBLICATIONS

INDEX OF NOTICES

| NOTICE NO. | DESCRIPTION | PAGE NO. |
|-------------------|---|-----------------|
| - | New Charts and Publications | 2 - 4 |
| *69 | Singaporean Chart GSP1/SP1 | 5 |
| 70 | Singaporean Chart 500 | 5 |
| 71 | Singaporean Chart 501 | 5 |
| 72 | Singaporean Chart 502 | 5 |
| *73 | Singapore Port Marine Notices/Circulars | 8 |
| *74 | Amendments to Publication | 9 |
| - | Reprint of Maritime Safety Information | 10 - 11 |
| - | Extract of Admiralty Notices to Mariners for Dual-Badged Charts | 12 - 14 |

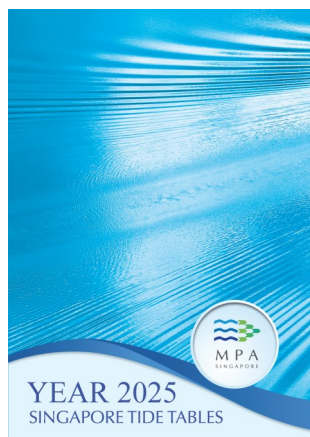
*Source: Maritime and Port Authority of Singapore

II NEW CHARTS AND PUBLICATIONS

SINGAPORE TIDE TABLES YEAR 2025 TO BE PUBLISHED ON 17TH SEPTEMBER 2024

Summary of Publication

This publication contains Tidal Height and Tidal Stream Predictions covering stations in Singapore Port Waters and along the Straits of Malacca and Singapore.

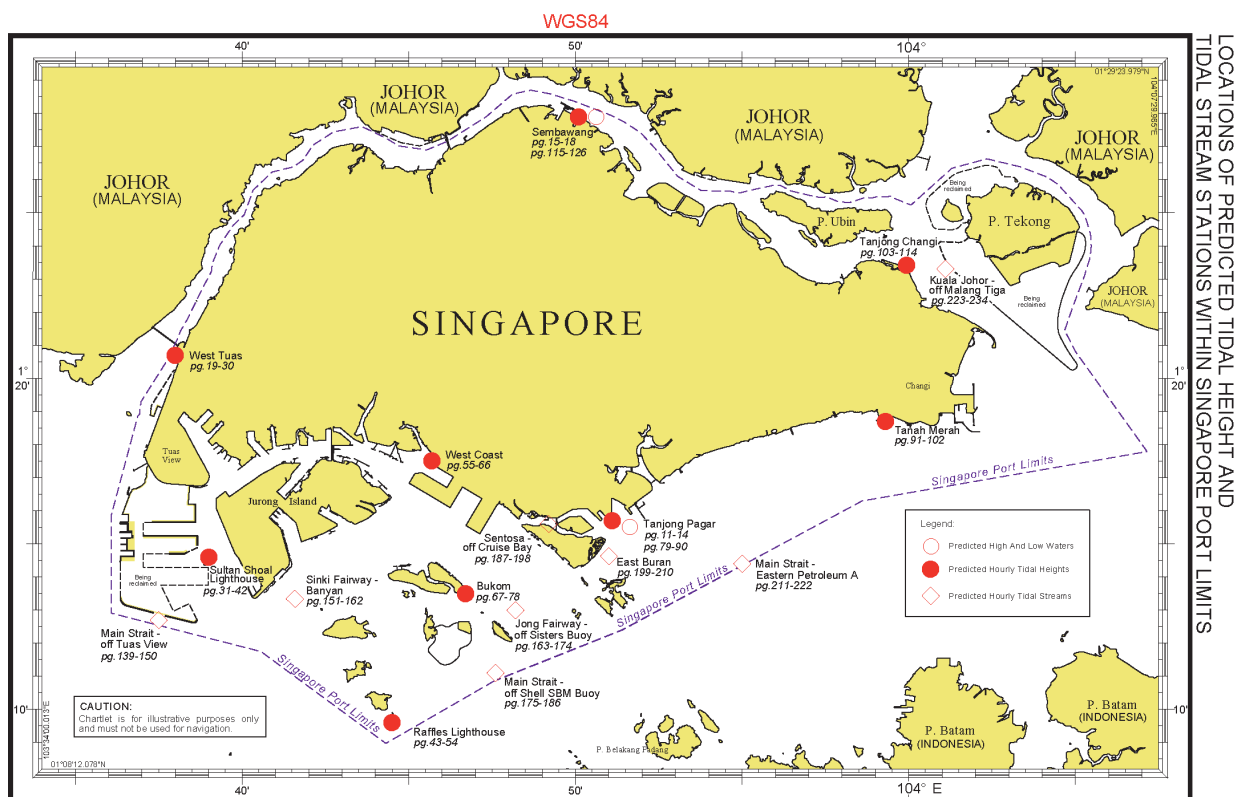


- 1. High and Low Water Predictions** at the following stations:
 - a) Tanjong Pagar
 - b) Sembawang
- 2. Hourly Tidal Height Predictions** at the following stations:
 - a) West Tuas
 - b) Sultan Shoal Lighthouse
 - c) Raffles Lighthouse
 - d) West Coast
 - e) Bukom
 - f) Tanjong Pagar
 - g) Tanah Merah
 - h) Tanjong Changi
 - i) Sembawang
 - j) Singapore Strait - Horsburgh Lighthouse
- 3. Hourly Tidal Stream Predictions** at the following stations:
 - a) Main Strait - off Tuas View
 - b) Sinki Fairway - Banyan
 - c) Jong Fairway - off Sisters Buoy
 - d) Main Strait - off Shell SBM Buoy
 - e) Sentosa - off Cruise Bay
 - f) East Buran
 - g) Main Strait - Eastern Petroleum A
 - h) Kuala Johor - off Malang Tiga
- 4. Maximum and Slack Tidal Stream Predictions** at the following stations:
 - a) Malacca Strait - off Pulau Iyu Kecil Light
 - b) Singapore Strait - Selat Phillip
 - c) Singapore Strait - Karang Banteng (Buffalo Rock)
 - d) Singapore Strait - Horsburgh Lighthouse
- 5. Malacca Strait - High and Low Water Predictions** at the following stations:
 - a) Kedah Pier, Pulau Pinang
 - b) Port Dickson
 - c) Kuala Batu Pahat

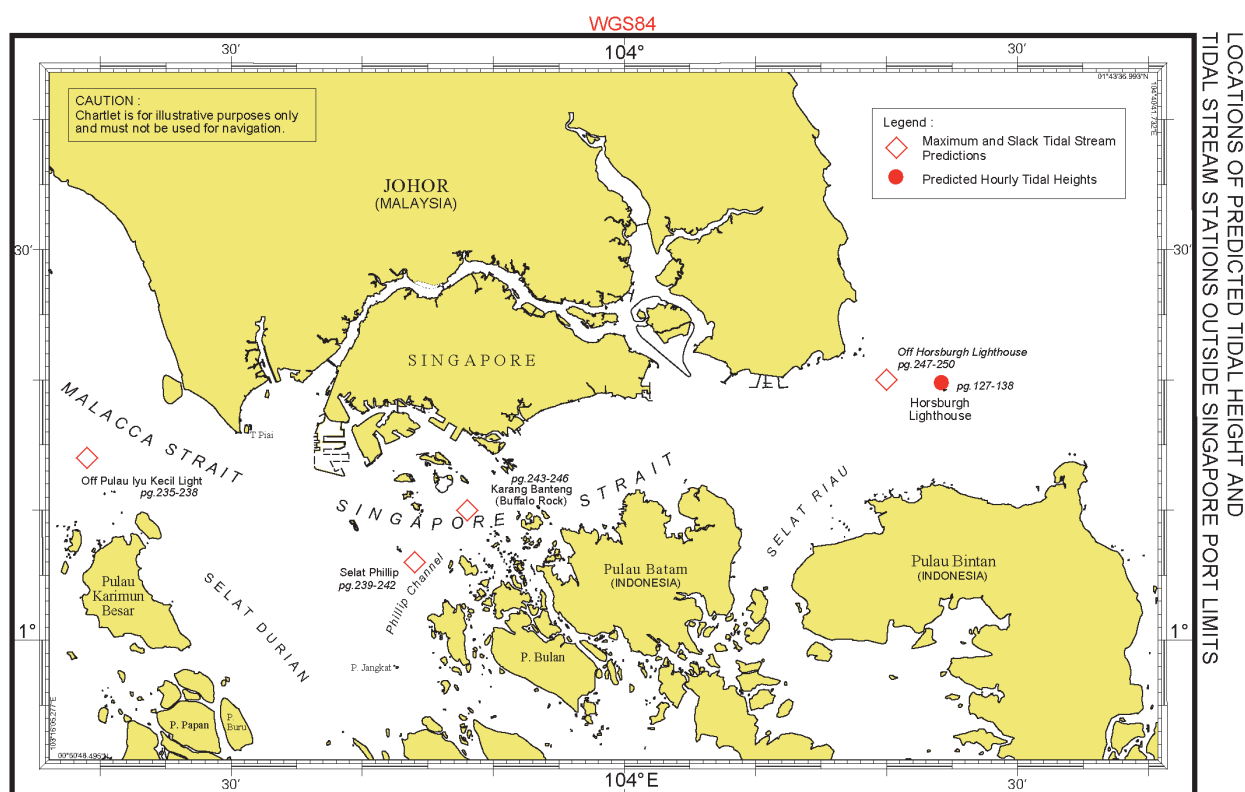
The locations of the above stations are shown in the chartlets below:

II NEW CHARTS AND PUBLICATIONS

Tidal Prediction Stations within Singapore Port Waters



Tidal Prediction Stations within Straits of Malacca and Singapore

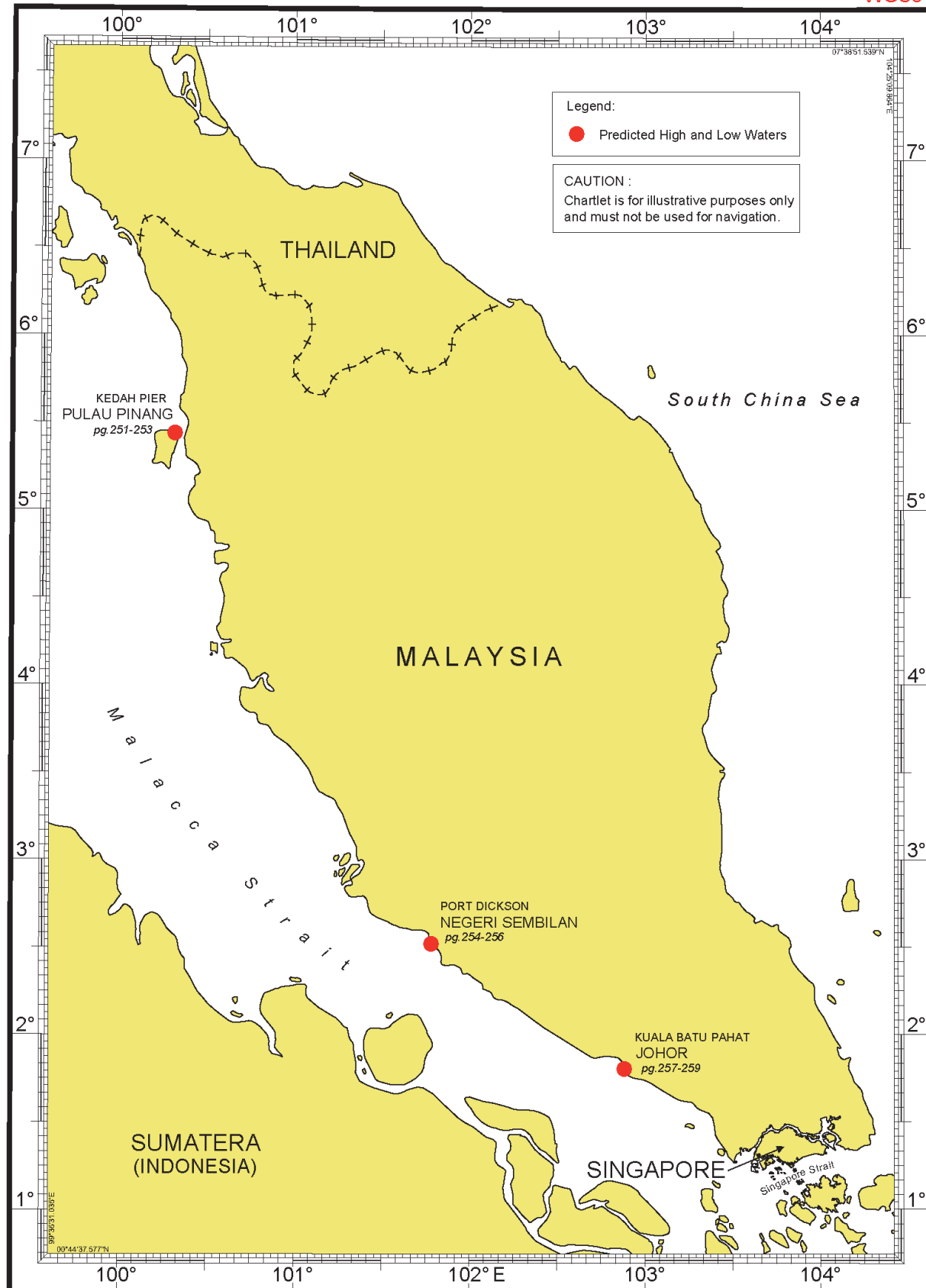


II NEW CHARTS AND PUBLICATIONS

Tidal Prediction Stations In Malacca Strait



LOCATIONS OF PREDICTED TIDAL HEIGHT STATIONS
ALONG THE MALACCA STRAIT

WGS84



II

NOTICES TO MARINERS AND CHART CORRECTIONS

| | | | |
|-----------------|---|--|--------------------|
| GSP1/SP1 | 8 Ed 17/01/24 Last NM 66/2024 | (Maritime and Port Authority of Singapore) | *NM 69/2024 |
| Insert | tunnel, pecked line, centred at: | (a) 1°16·84'N | 103°38·94'E |
| | | 1°16·72'N | 103°39·32'E |
| | | 1°16·70'N | 103°39·37'E |
| | | 1°16·66'N | 103°39·43'E |
| | | 1°16·62'N | 103°39·48'E |
| | | 1°16·59'N | 103°39·52'E |
| | | 1°16·54'N | 103°39·56'E |
| | | (b) 1°16·43'N | 103°39·64'E |
| | legend, <i>Pipeline Tunnel Buried</i> , along: | (a) - (b) above | |
| <hr/> | | | |
| 500 | 8 Ed 15/09/17 Last NM 60/2024 | (Malacca Singapore Straits ENC) | NM 70/2024 |
| Insert | depth, 18_6 , enclosed by 20m contour | 1°14·68'N | 103°33·23'E |
| <hr/> | | | |
| 501 | 8 Ed 15/09/17 Last NM 60/2024 | (Admiralty Notice No. 31/3605/2024) | NM 71/2024 |
| Replace | depth, 36 with depth, 32 | 1°10·27'N | 103°48·78'E |
| <hr/> | | | |
| 502 | 9 Ed 15/10/21 Last NM 66/2024 | (Admiralty Notice No. 31/3605/2024) | NM 72/2024 |
| Insert |  Wk | (a) 1°14·18'N | 103°57·51'E |
| Delete |  Wk , close NW of: | (a) above | |

*Source: Maritime and Port Authority of Singapore

II
TEMPORARY AND PRELIMINARY NOTICES

NIL

II
TEMPORARY AND PRELIMINARY NOTICES

Cancelled Temporary and Preliminary Notices

NIL

III NAVIGATIONAL INFORMATION

*(NM 73/2024) 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-notices>

PMC No. Subject

- NIL

PMN No. Subject

| | |
|---------|--|
| 65/2024 | Revetment repair works and seawall spalling concrete repair works in the vicinity of Changi beach area |
| 66/2024 | Demolition and reinstatement of shipyard facilities at Benoi basin |
| 68/2024 | Construction of marine facilities at Tuas Western Coast |
| 69/2024 | Extended working area for supply and delivery of sand at Changi East Deposition Area |

*Source: Maritime and Port Authority of Singapore

III AMENDMENTS TO PUBLICATIONS

*(NM 74/2024) 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

EASTERN APPROACHES TO EAST JOHOR STRAIT

1. Page 70

Amend the following:

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

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.

TT093

THERE IS A REPORT OF AN UNAUTHORISED BOARDING ON 27 AUG 2024 AT 2320LT IN POSITION LAT 01-15.25N LONG 104-01.85E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI PI-RACY WATCH.

TT091

THERE IS A REPORT OF AN UNAUTHORISED BOARDING ON 23 AUG 2024 AT 1230LT IN POSITION LAT 01-17.02N LONG 104-08.62E. MARINERS ARE ADVISED TO KEEP A GOOD LOOK OUT AND MAINTAIN ANTI PI-RACY WATCH.

TT089

SOIL INVESTIGATION AND SURVEY WORKS ARE CARRIED OUT IN THE TSS WEST BOUND LANE, SOUTH OF SUDONG ANCHORAGE. THE WORKS WILL TAKE EFFECT FROM 15 AUG 2024 TO 02 SEP 2024. TRANSITING VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE WORK AREA

TT088

CABLE VESSEL "MICYLN ENTERPRISE" IS CARRYING POST CABLE LAY AND INSPECTION WORKS AT SOUTH OF THE EAST BOUND LANE OF SINGAPORE STRAIT IN VTIS SECTOR 9 AT SOUTH OF PJSB FROM 16 AUG 2024 TO 02 SEP 2024. TRANSITTING VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

IV

REPRINT OF MARITIME SAFETY INFORMATION

TT073

CABLE VESSEL "ASEAN PROTECTOR" IS CARRYING OUT CABLE INSTALLATION WORKS IN EJS FROM CHANGI LANDING POINT TO PORT LIMITS OFF PJSB FROM 02 JUL 2024 TO 15 OCT 2024. TRANSITTING VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

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.

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.

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>

3605 SINGAPORE - Depths. Wrecks.

Source: ENC MS4BR2JS

Chart 4036 [*previous update 256/24*] WGS84 DATUM

Replace depth, 36, with depth, 32 1° 10'·273N., 103° 48'·784E.

Chart 4039 [*previous update 3378/24*] WGS84 DATUM


Replace depth, 36, with depth, 32 1° 10'·27N., 103° 48'·78E.

Chart 4040 [*previous update 3378/24*] WGS84 DATUM

Replace depth, 36, with depth, 32 1° 10'·27N., 103° 48'·78E.

Chart 4041 [*previous update 2742/24*] WGS84 DATUM

Insert  *Wk* (a) 1° 14'·18N., 103° 57'·51E.

Delete  *Wk, close NW of:* (a) above

Replace depth, 36, with depth, 32 1° 10'·27N., 103° 48'·78E.

3620(P)/24 SINGAPORE - Depths.

Source: Maritime and Port Authority of Singapore

1. Alongside depths at Advorio Helios Jetty have changed. The most significant are as follows:

| <i>Berth</i> | <i>Alongside Depth (Year Surveyed)</i> | <i>Position</i> |
|--------------|--|----------------------------|
| OHT 3 | 14·0m (2024) | 1° 13'·60N., 103° 40'·43E. |
| OHT 4 | 18·5m (2024) | 1° 13'·69N., 103° 40'·34E. |
| OHT 5 | 18·5m (2024) | 1° 13'·63N., 103° 40'·36E. |
| OHT 6 | 18·5m (2024) | 1° 13'·58N., 103° 40'·39E. |

2. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information.

(WGS84 DATUM)

Charts affected - 4030 - 4031

3750* SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 4032 [*previous update 3378/24*] WGS84 DATUM

Insert  *Fl.Y.5s KST-1* 1° 13'·358N., 103° 44'·035E.

Chart 4039 [*previous update 3605/24*] WGS84 DATUM

Insert  *Fl.Y.5s KST-1* 1° 13'·36N., 103° 44'·05E.

Chart 4040 [*previous update 3605/24*] WGS84 DATUM

Insert  *Fl.Y.5s KST-1* 1° 13'·36N., 103° 44'·05E.

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>

3752(P)/24 SINGAPORE - Alongside depths. Berths.

Source: Maritime and Port Authority of Singapore

1. Alongside depths at Tanjong Pagar Terminal have changed for the following berths:

| <i>Berth</i> | <i>Alongside Depths (Year Surveyed)</i> | <i>Position</i> |
|--------------|---|------------------------------|
| T6 | 11.9m (2024) | 1° 15'·850N., 103° 50'·870E. |
| T7 | 0.6m (2024) | 1° 15'·960N., 103° 50'·770E. |

2. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information.

3. Former Notice 4676(T)/23 is cancelled.

(WGS84 DATUM)

Chart affected - 4037

3755(T)/24 SINGAPORE - Wreck.

Source: Maritime and Port Authority of Singapore

1. A sunken vessel, *Jolly Ranger*, least depth 29.6m, exists in position 1° 17'·38N., 103° 58'·01E. , within Eastern Special Purposes A Anchorage (AESPA).
2. A Virtual aid to navigation (V-AIS), isolated danger topmark, with MMSI no. 995636003, 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 - 4041 - 4043

3772(P)/24 SINGAPORE - Alongside depths. Berths.

Source: Maritime and Port Authority of Singapore

1. Alongside depths at Seraya Chemical and Advorio Singapore Chemical Jetties have changed for the following berths:

| <i>Berth</i> | <i>Alongside Depth (Year Surveyed)</i> | <i>Position</i> |
|--------------|--|------------------------------|
| OSCJ1 | 14.2m (2024) | 1° 16'·110N., 103° 44'·120E. |
| OSCJ2 | 15.0m (2024) | 1° 16'·150N., 103° 44'·210E. |
| OTK10 | 11.9m (2024) | 1° 16'·470N., 103° 44'·450E. |

2. Mariners are advised to navigate with caution in the area.

(WGS84 DATUM)

Charts affected - 4032 - 4034

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>

3927 SINGAPORE STRAIT - Depths.

Source: ENC MS4IK2RL

Chart 4039 [*previous update 3750/24*] WGS84 DATUM

Replace depth, 30, enclosed by 30m contour, with depth, 30m 1° 06'·51N., 103° 43'·79E.

3947 MALAYSIA - Peninsular Malaysia, East Coast - Light.

Source: Marine Department, Malaysia Notice 93/24

Chart 4042 [*previous update 1051/24*] WGS84 DATUM

Delete ★ Fl(3)20s42m18M and associated circular white arc 1° 20'·57N., 104° 08'·14E.

Chart 4043 [*previous update 2742/24*] WGS84 DATUM

Delete ★ Fl(3)20s42m18M and associated circular white arc 1° 20'·57N., 104° 08'·14E.

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 :

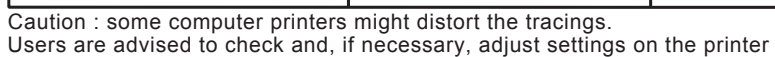
Type of Position Fixing : GPS/DGPS Others :
Type of Echo Sounder :

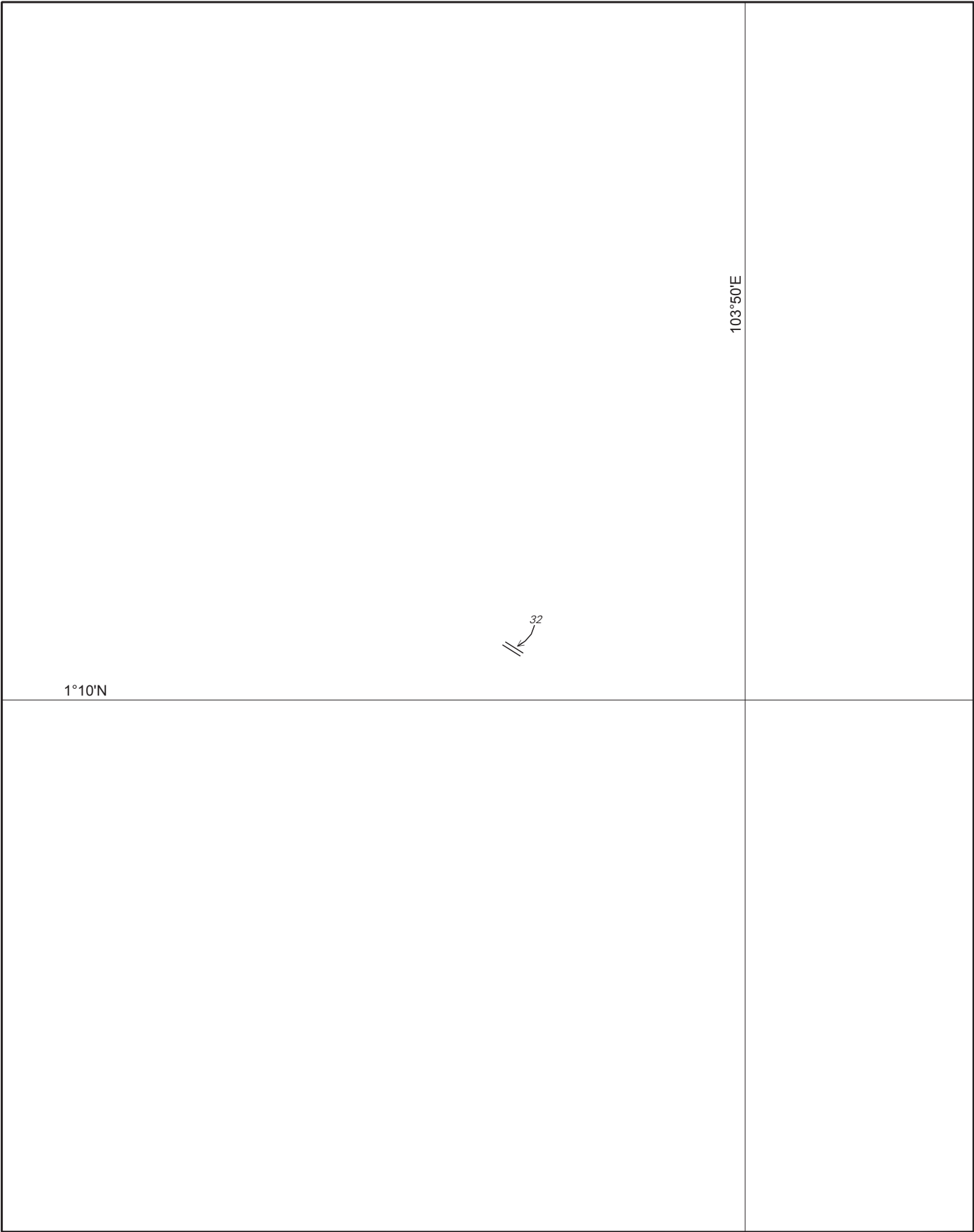
Name and Signature :

Ship's/Company's Stamp :

| | | | | | | |
|--|-------------|-----------------|-----------|-------------------|--|--|
| | | | | | | |
| <div> <div>1°15'N</div> <div>103°40'E</div> <div>Buried Pipeline Tunnel</div> </div> | | | | | | |
| | | | | | | |
| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
| 69 | 09 | 66 | GSP1/SP1 | X | | |
| | | | | | | |

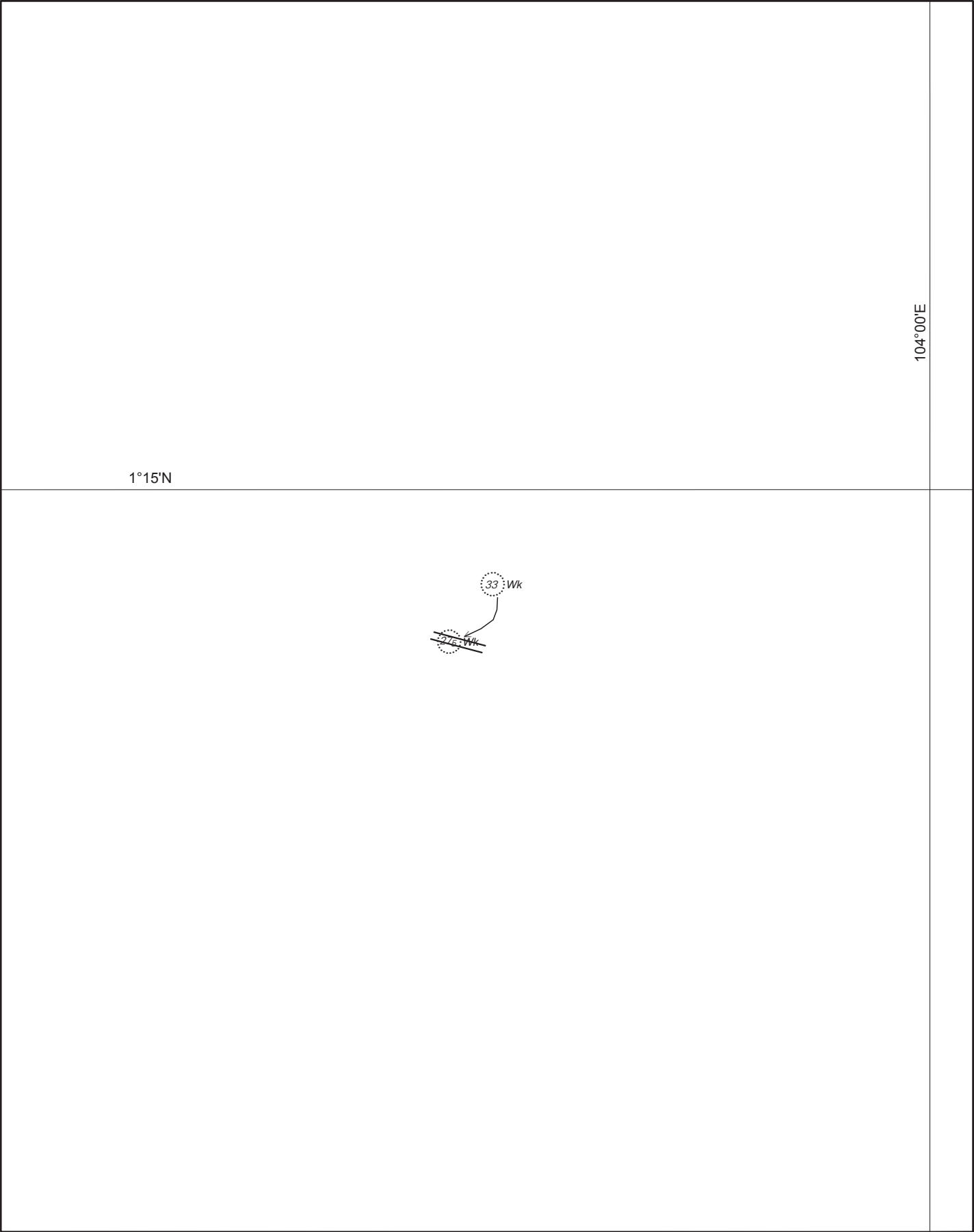
Caution : some computer printers might distort the tracings.
 Users are advised to check and, if necessary, adjust settings on the printer





| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|---|
| | | | | | | X |
| 71 | 09 | 60 | 501 | | | |

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



| CORRECTION NO. | SNM EDN NO. | LAST CORR N NO. | CHART NO. | Location on Chart | | |
|----------------|-------------|-----------------|-----------|-------------------|--|--|
| | | | | | | |
| 72 | 09 | 66 | 502 | X | | |

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