



SINGAPOREAN NOTICES TO MARINERS

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The monthly Notices to Mariners contain corrective information affecting charts published by the Hydrographic Department, Maritime and Port Authority of Singapore. The information contained in these Notices should be inserted on the charts affected. Notices under Section II apply only to the particular Singapore Chart(s) indicated.

Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, immediately on the discovery of new dangers or suspected dangers to navigation and of changes or defects in aids to navigation.

Copies of these notices can be obtained gratis from the Hydrographic Department, Maritime and Port Authority of Singapore or from Motion Smith telephone number (65) 62205098. The notices can also be accessed from MPA webpage: <http://www.mpa.gov.sg/infocentre/publications/noticesmari.htm>

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EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.

| Chart No. | Edition of Chart | Date Published | Last Correction | Source of Information | Asterisk indicates original source of information | Current Notice No. | If applicable T = Temporary or P = Preliminary |
|-------------------|--------------------------------|----------------------|-----------------------|-----------------------|---|--------------------|---|
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↙ |
| 501 | 5 Ed | 18/05/93 | LAST NM 64/97 | HD | *(NM 77/ 97) | | |
| Corrective Action | Object(s) of corrective action | Position Approximate | Position | | | | |
| ↑ | ↑ | ↑ | ↑ | ↑ | | | |
| Delete | Depth 13 metres | (PA) | 1°15.08'N 103°37.92'E | | | | |

An asterisk (*) preceding a notice number indicates that the information is based on original Singapore source. The capital letter (T) or (P) denotes Temporary or Preliminary respectively.

Bearings are referred to the True Compass in degrees clockwise from 000° to 359°; those related to lights are from seaward. Heights are above mean sea level; only elevations of lights are above mean higher high water, or mean high water springs, as appropriate.

All positions are in WGS 84.




SECTION I
INDEX OF CHARTS AND PUBLICATIONS AFFECTED

| NOTICES | DESCRIPTION | PAGE | NOTICES | DESCRIPTION | PAGE |
|---------|---|------|---------|-------------------------------------|------|
| *1 | Numerical Index to Notices to Mariners of 2004 | 2 | *14 | Dredging Works at Sembawang Wharves | 17 |
| *2 | SP1, GSP1 | 2 | | | |
| *3 | SP1, GSP1 | 2 | | | |
| *4 | SP1, GSP1 502 | 2 | | | |
| *5 | 201 | 2 | | | |
| *6P | New Edition Chart to be published January 2005 | 3 | | | |
| *7 | Straits of Malacca and Singapore – Routeing System | 4 | | | |
| *8T | Temporary and Preliminary Notices in Force | 4 | | | |
| *9 | Height Restricted Anchorages Areas In Port | 6 | | | |
| *10 | Prohibited Area at Pulau Satumu (Raffles LightHouse) | 7 | | | |
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| *12 | List of Distributors and Index of Singapore Electronic Navigational Charts (ENC) | 13 | | | |
| *13 | Dredging Works at Pasir Panjang Terminal | 16 | | | |


SECTION II SINGAPORE NOTICES

*(NM 1/2005) NUMERICAL INDEX TO NOTICES TO MARINERS OF 2004 (1 TO 107P)

| CHART NO. | PUBLISHED | YEAR | NOTICES NO. |
|-----------|---------------|------|--|
| SP1, GSP1 | 6 Ed 10/02/04 | 2004 | 14(NE)-31-32-33-34-38-41-42-50-52-53-54-56-58-61-62-67-68-69-75-76-77-79-80-81-87-88 |
| 200 | 1Ed 01/10/98 | 2004 | 89-90-96-97 |
| 201 | 2Ed 15/09/03 | 2004 | 10-44-45-78-89-98-99 |
| 202 | 4Ed 15/11/04 | 2004 | 86(NE) |
| 500 | 3Ed 15/10/02 | 2004 | 10-11-15-17-26-27-30-38-43-61-62-87-91 |
| 501 | 3Ed 15/09/03 | 2004 | 11-15-16-18-19-20-26-30-38-39-55-57-61-62-73-75-76-87-92-100 |
| 502 | 2Ed 15/11/00 | 2004 | 9-21-24-25-28-29-32-39-40-49-50-52-57-58-64-67-68-69-74-75-76-77-81-88-101 |
| 503 | 2Ed 15/09/04 | 2004 | 72(NE)-93-94-102 |

| | | | |
|------------------|---|----------------------------|--------------------|
| SP1, GSP1 | 6Ed 10/02/04 Last NM 88/2004 | BANM No. 50/5537/04 | (NM 2/2005) |
| Delete |  Fl.G.3s7m5M Kanan | 1°28.64'N | 103°50.40'E |
| | | | (NM 3/2005) |
| Delete |  Fl(3)WRG.15s6m7M Siniop and associate sectors | 1°28.26'N | 103°51.18'E |
| | | HD/DB34/40/04 | (NM 4/2005) |
| Insert |  Fl(2)10s | 1°16.94'N | 103°57.83'E |

| | | | |
|---------------|-----------------------------------|----------------------------|--------------------|
| 201 | 2Ed 15/09/03 Last NM 99/04 | BANM No. 49/5494/04 | (NM 5/2005) |
| Insert | ★ Fl.G.5s10m8M | 2° 09.19'N | 102° 20.11'E |

| | | | |
|---------------|---|----------------------|--------------------|
| 502 | 2Ed 15/11/00 Last NM 101/2004 | HD/DB34/40/04 | (NM 4/2005) |
| Insert |  Fl(2)10s | 1°16.94'N | 103°57.83'E |

SECTION II
TEMPORARY AND PRELIMINARY NOTICES

***(NM 6P/2005) NEW EDITION CHART TO BE PUBLISHED JANUARY 2005**

CHARTS FOR SMALL CRAFT – Singapore Strait and Adjacent Waterways – 2005 Edition

The publication contain 19 Small Craft Charts and related nautical information bound into an atlas measuring 60cm x 40cm. The pages are laminated to prevent damage from seawater.

The symbols, abbreviations and terms depicted on these charts are consistent with the International Hydrographic Organization Chart standards and specifications.

Symbols for the locations of pleasure craft facilities and areas for sea sport activities such as board sailing, dinghy sailing, keelboat sailing, power-boating and water-skiing are also included and highlighted in red.

SECTION III MARINE INFORMATION

INDEX OF ANNUAL NOTICES

NOTICES

- *7/2005 Straits of Malacca and Singapore - Routeing System
 - *8T/2005 Temporary and Preliminary Notices in Force
 - *9/2005 Height Restricted Anchorages in Port
 - *10/2005 Prohibited Area at Pulau Satumu (Raffles Lighthouse)
 - *11/2005 Agent for Sale of Charts and The Chart Catalogue for Singapore Charts, Dual Badged Charts and Hydrographic Publications
 - *12/2005 List of Distributors and Index of Singapore Electronic Navigational Charts (ENC)
-

(NM 7/2005) STRAITS OF MALACCA AND SINGAPORE ROUTEING SYSTEM

Information concerning schemes shown on Singaporean charts.
(Former NM 1/1/2004 is cancelled.)

- 1 The information concerning the Straits of Malacca and Singapore Routeing System are charted in the Singaporean Charts 200, 201, 202, 500, 501, 502 and 503. Dual Badged Charts 4039, 4040, 4041 and 4042. The positions on the charts are in World Geodetic System 84 (WGS 84).
 - 2 The description of the Traffic Separation Scheme and the rules for vessels navigating through the Straits of Malacca and Singapore are published in the Singapore Port Information, Edition 2004 publication.
-

***(NM 8T/2005) TEMPORARY AND PRELIMINARY NOTICES IN FORCE**

(Revised and published six monthly)

Previous NM 1/2T/04 is cancelled.

| Notices | Subject |
|----------|---|
| 1/16T/99 | Pulau Batam - Batu Ampar, red light beacon in position 1°10.02'N, 103°59.85'E reported collapsed. |
| 1/17T/99 | Batam - Batu Ampar red can buoy in position 1°09.98'N, 103°59.46'E is unlit. |
| 1/18T/99 | Selat Durian - Karang Tengah light Fl.R.8s in position 0°51.30'N, 103°34.37'E is unlit. |
| 1/19T/99 | Pulau Bintan - Tanjong Batu Hitam - Red can buoy in position 0°54.60'N, 104°26.39'E is unlit. |
| 1/20T/99 | Selat Riau - West Cardinal buoy Q(9)15s in position 0°42.00'N, 104°25.09'E is unlit. |
| 1/21T/99 | Lima Channel - Isolated Danger buoy Fl(2)10s in position 1°20.58'N, 104°16.89'E is temporarily withdrawn. |
| 1/22T/99 | Selat Riau - East Cardinal buoy Q(3)10s in position 0°51.3'N, 104°24.0'E is missing. |

SECTION III MARINE INFORMATION

| Notices | Subject | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|------------------------|-----------------|-----------------|-------------------------|---------------|------------------------|-------------------------|----------------------|------------------------|-------------------------------------|-----------------|------------------------|-------------------------------------|----------------------|------------------------|-----------------------|------------------|------------------------|----------------------------|----------------------|------------------------|--------------------------|------------|------------------------|--------------------------|-----------|------------------------|------------------------------------|---------|------------------------|
| 1/23T/99 | Tanjong Stapa - Light Fl(3)20s43m14M in position 1°20.59'N, 104°08.15'E is unlit. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/25T/99 | Strait Bengkalis - Tanjong Jati light-beacon in position 1°36.07'N, 101°59.00'E reported damaged. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/27T/99 | Batu Ampar – Safe Water Mark buoy Fl.10s in position 1°10.19'N, 103°59.92'E reported missing. Sekupang - Safe Water Mark buoy Iso.4s in position 1°09.53'N, 103°55.15'E reported missing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/28T/99 | Karimun - The following Aids to Navigation were reported unlit: <table><tr><th>Colour and Shape</th><th>Light Character</th><th>Position</th></tr><tr><td>Green pillar light-buoy</td><td>Fl.G.3s</td><td>1°09.18'N, 103°18.83'E</td></tr><tr><td>Green pillar light-buoy</td><td>Fl(2)G.5s</td><td>1°04.98'N, 103°17.86'E</td></tr><tr><td>Yellow pillar light-buoy, X topmark</td><td>Fl(4)Y.12s</td><td>1°09.51'N, 103°21.68'E</td></tr><tr><td>Yellow pillar light-buoy, X topmark</td><td>Fl.Y.5s</td><td>1°08.92'N, 103°20.21'E</td></tr><tr><td>Red pillar light-buoy</td><td>Fl.R.4s</td><td>1°07.45'N, 103°19.38'E</td></tr><tr><td>Green buoyant light-beacon</td><td>Fl(2)G.10s</td><td>1°08.09'N, 103°18.87'E</td></tr><tr><td>Red buoyant light-beacon</td><td>Fl(2)R.10s</td><td>1°08.15'N, 103°19.29'E</td></tr><tr><td>Red buoyant light-beacon</td><td>Fl(2)R.5s</td><td>1°06.78'N, 103°19.09'E</td></tr><tr><td>West Cardinal buoyant light-beacon</td><td>Q(9)15s</td><td>1°08.75'N, 103°19.25'E</td></tr></table> | Colour and Shape | Light Character | Position | Green pillar light-buoy | Fl.G.3s | 1°09.18'N, 103°18.83'E | Green pillar light-buoy | Fl(2)G.5s | 1°04.98'N, 103°17.86'E | Yellow pillar light-buoy, X topmark | Fl(4)Y.12s | 1°09.51'N, 103°21.68'E | Yellow pillar light-buoy, X topmark | Fl.Y.5s | 1°08.92'N, 103°20.21'E | Red pillar light-buoy | Fl.R.4s | 1°07.45'N, 103°19.38'E | Green buoyant light-beacon | Fl(2)G.10s | 1°08.09'N, 103°18.87'E | Red buoyant light-beacon | Fl(2)R.10s | 1°08.15'N, 103°19.29'E | Red buoyant light-beacon | Fl(2)R.5s | 1°06.78'N, 103°19.09'E | West Cardinal buoyant light-beacon | Q(9)15s | 1°08.75'N, 103°19.25'E |
| Colour and Shape | Light Character | Position | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Green pillar light-buoy | Fl.G.3s | 1°09.18'N, 103°18.83'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Green pillar light-buoy | Fl(2)G.5s | 1°04.98'N, 103°17.86'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow pillar light-buoy, X topmark | Fl(4)Y.12s | 1°09.51'N, 103°21.68'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow pillar light-buoy, X topmark | Fl.Y.5s | 1°08.92'N, 103°20.21'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red pillar light-buoy | Fl.R.4s | 1°07.45'N, 103°19.38'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Green buoyant light-beacon | Fl(2)G.10s | 1°08.09'N, 103°18.87'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red buoyant light-beacon | Fl(2)R.10s | 1°08.15'N, 103°19.29'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red buoyant light-beacon | Fl(2)R.5s | 1°06.78'N, 103°19.09'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| West Cardinal buoyant light-beacon | Q(9)15s | 1°08.75'N, 103°19.25'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/29T/99 | Strait Bengkalis - White light-beacon in position 1°39.49'N, 101°50.31'E reported unlit. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/31T/99 | Selat Bengkalis - RWVS buoy in position 1°54.10'N, 101°51.40'E reported unlit. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/33T/99 | Selat Bengkalis – Red can light-buoy No.6 in position 1°38.4'N, 101°53.9'E reported missing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/34T/99 | Kabil Harbour – The following Aids to Navigation were reported unlit: <table><tr><th>Colour and Shape</th><th>Position</th></tr><tr><td>Green spar buoy</td><td>1°07.7'N, 104°10.4'E</td></tr><tr><td>Red spar buoy</td><td>1°07.6'N, 104°10.5'E</td></tr><tr><td>Green spar buoy</td><td>1°06.4'N, 104°09.4'E</td></tr><tr><td>Red spar buoy</td><td>1°06.3'N, 104°09.5'E</td></tr><tr><td>Green spar buoy</td><td>1°05.4'N, 104°09.1'E</td></tr><tr><td>Red spar buoy</td><td>1°05.4'N, 104°09.2'E</td></tr><tr><td>Yellow spar buoy</td><td>1°04.6'N, 104°08.4'E</td></tr><tr><td>Yellow spar buoy</td><td>1°04.1'N, 104°08.3'E</td></tr><tr><td>Red spar buoy</td><td>1°04.0'N, 104°08.8'E</td></tr><tr><td>Red spar buoy</td><td>1°04.5'N, 104°08.3'E</td></tr></table> | Colour and Shape | Position | Green spar buoy | 1°07.7'N, 104°10.4'E | Red spar buoy | 1°07.6'N, 104°10.5'E | Green spar buoy | 1°06.4'N, 104°09.4'E | Red spar buoy | 1°06.3'N, 104°09.5'E | Green spar buoy | 1°05.4'N, 104°09.1'E | Red spar buoy | 1°05.4'N, 104°09.2'E | Yellow spar buoy | 1°04.6'N, 104°08.4'E | Yellow spar buoy | 1°04.1'N, 104°08.3'E | Red spar buoy | 1°04.0'N, 104°08.8'E | Red spar buoy | 1°04.5'N, 104°08.3'E | | | | | | | | |
| Colour and Shape | Position | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Green spar buoy | 1°07.7'N, 104°10.4'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red spar buoy | 1°07.6'N, 104°10.5'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Green spar buoy | 1°06.4'N, 104°09.4'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red spar buoy | 1°06.3'N, 104°09.5'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Green spar buoy | 1°05.4'N, 104°09.1'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red spar buoy | 1°05.4'N, 104°09.2'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow spar buoy | 1°04.6'N, 104°08.4'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow spar buoy | 1°04.1'N, 104°08.3'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red spar buoy | 1°04.0'N, 104°08.8'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red spar buoy | 1°04.5'N, 104°08.3'E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/42T/00 | Malacca Strait – Light-beacon at Pulau Iyu Kechil, Fl(3)15s in position 1°11.00'N, 103°21.00'E reported unlit. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/40T/01 | Pulau Batam – Batu Ampar light in position 1°10.35'N, 104°00.48'E reported missing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/42T/01 | Bengkalis Strait – Red can buoy in position 1°14.18'N, 102°10.23'E reported missing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/43T/01 | Bengkalis Strait – Green can buoy in position 1°14.18'N, 102°10.02'E reported missing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SECTION III MARINE INFORMATION

| Notices | Subject |
|-----------|---|
| 5/46T/04 | Singapore Strait – Eastern Holding 'A' Anchorage – Insert Isolated Danger Mark light-buoy ACW1, Fl(2)5s in position 1°15.09'N, 103°55.42'E. |
| 9/71T/04 | Bengalis Strait – The radar beacon at Bengalis light-beacon in position 1°42.58'N, 102°24.18'E was reported in inoperative. |
| 10/83T/04 | East Jurong Channel – Relocate East Cyrene light-buoy, LFl.10s from 1°15.61'N, 103°45.89'E to 1°15.66'N, 103°45.92'E. |

*(NM 9/2005) HEIGHT RESTRICTED ANCHORAGES IN PORT

1 In the exercise of his powers conferred by Section 43 of the Maritime and Port Authority of Singapore Act (Cap. 170A), the Port Master hereby declares the following areas as Height Restricted Areas and directs that the conditions set out hereunder shall be compiled with:

(a) 49-METRE HEIGHT RESTRICTED AREAS

No vessel whose height* **exceeds 49 metres** shall enter, transit or anchor in the 49-metre Height Restricted Area which is bounded by a line joining the following geographical positions:

Positions in WGS 84

- | | | |
|-----|-------------|--------------|
| (1) | 01°18.296'N | 103°56.514'E |
| (2) | 01°18.296'N | 103°56.647'E |
| (3) | 01°17.496'N | 103°58.979'E |
| (4) | 01°17.646'N | 104°01.096'E |
| (5) | 01°17.154'N | 104°01.664'E |
| (6) | 01°16.626'N | 103°58.978'E |
| (7) | 01°16.629'N | 103°56.514'E |
- thence to the point of origin

Please note that the Eastern Special Purposes 'C' Anchorage, Eastern Petroleum 'B' Anchorage and the Eastern Special Purposes 'A' Anchorage lie within the 49-metre Height Restricted Areas referred to above.

(b) 15-METRE HEIGHT RESTRICTED AREAS

No vessel whose height* **exceeds 15 metres** shall enter, transit or anchor in the 15-metre Height Restricted Area which is bounded by a line joining the following geographical positions:

Positions in WGS 84

- | | | |
|------|-------------|--------------|
| (8) | 01°23.346'N | 103°59.946'E |
| (9) | 01°23.196'N | 104°00.296'E |
| (10) | 01°21.096'N | 104°03.013'E |
| (11) | 01°17.646'N | 104°01.096'E |
| (12) | 01°17.469'N | 103°58.979'E |
| (13) | 01°18.429'N | 103°56.330'E |

thence in the eastward direction along the coastline to the point of origin.

Please note that the Eastern Special Purposes Anchorage 'B' lies within the 15-metre Height Restricted Area referred to above.

SECTION III MARINE INFORMATION

2 Masters, owners, agents and persons-in-charge of vessels anchored in the above Height Restricted Areas are to ensure that the height* of the vessel shall not be modified to exceed the permissible heights during her stay at the anchorages.

**** Height refers to the height of a vessel measured vertically from the waterline of the vessel to the highest point of the vessel including its cargo, structure or equipment on board.***

Source: Port Marine Circular No. 72 of 1997, Dated: 15 Sep 97

Note: The coordinates in WGS 84 were inserted by Hydrographic Department, MPA.
(Previous NM No. 1/3/04 is superseded.)

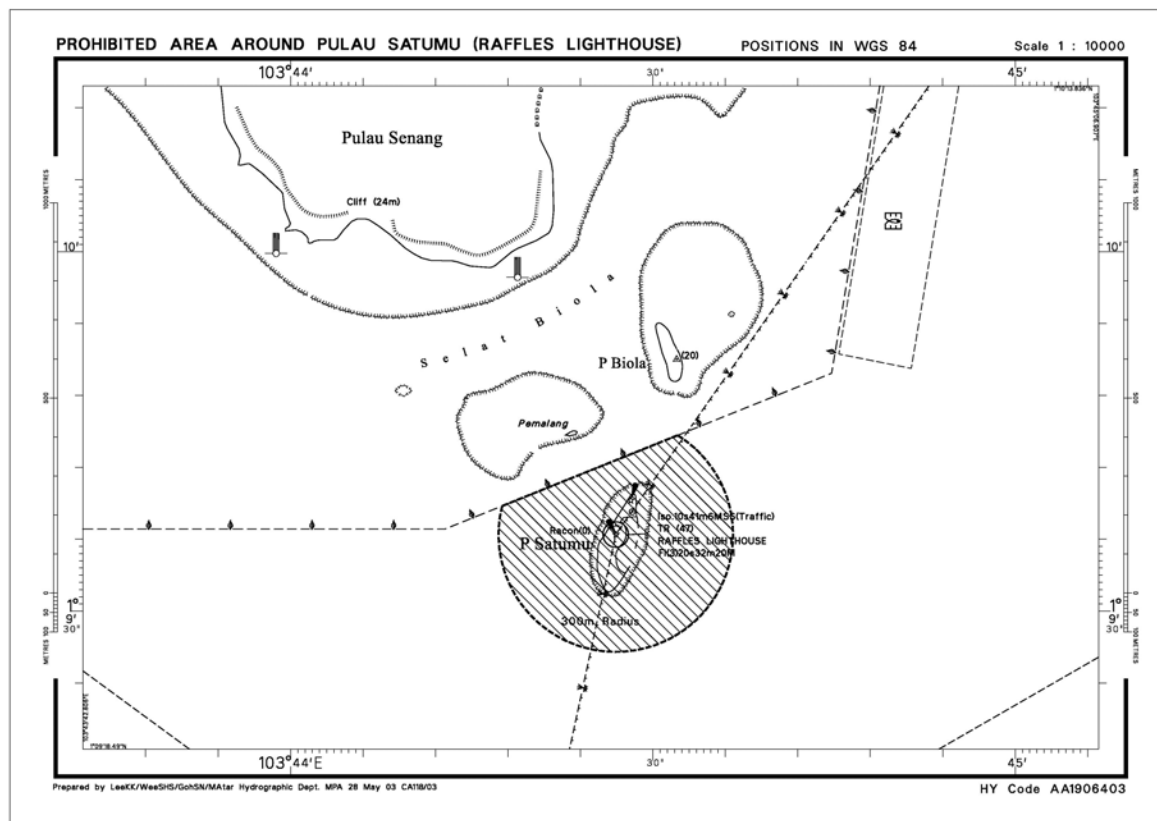
***(NM 10/2005) PROHIBITED AREA AT PULAU SATUMU (RAFFLES LIGHTHOUSE) AND WATERS SURROUNDING A RADIUS OF 300 METRES AROUND THE LIGHTHOUSE.**

1 In exercise of the powers conferred under Section 43(c) of the MARITIME AND PORT AUTHORITY OF SINGAPORE ACT (CHAPTER 170 A), the Port Master hereby prohibits all vessels from entering, anchoring, mooring, transiting or being in the subject area unless permitted by the Port Master in writing. The Port Master, in granting permission may impose time or location-specific restrictions and other conditions as the Port Master may determine. This directive is without prejudice to the Port Master's powers to regulate the movements and use of vessels, which may be exercisable without notice.

2 The Prohibited Area referred to in Paragraph 1 is the sea area surrounding Pulau Satumu with a radius of 300 metres around the Lighthouse, outside the limits of the live firing area. Please see plan.

3 This directive takes effect from 1200 hours on 30 May 2003.

SECTION III MARINE INFORMATION



Source: Port Master Circular No. 22 of 2003

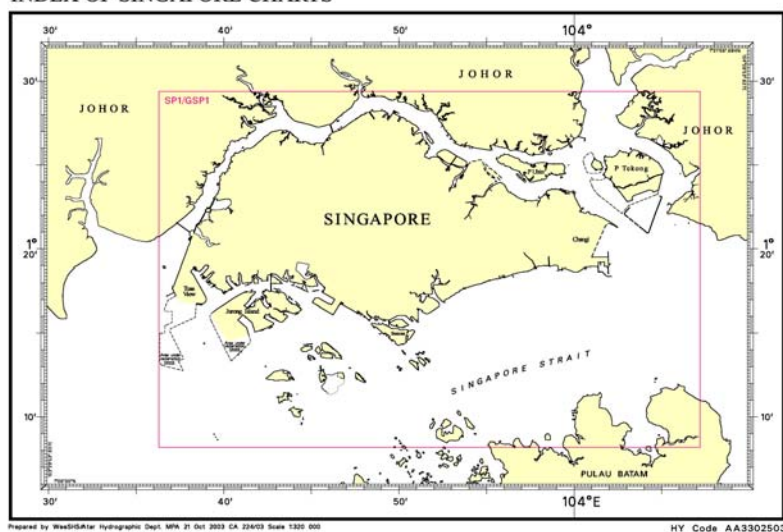
Dated: 30 May 2003

*(NM 11/2005) **AGENT FOR THE SALE OF CHARTS AND THE CHART CATALOGUE FOR SINGAPORE CHARTS, DUAL BADGED CHARTS AND HYDROGRAPHIC PUBLICATIONS.**

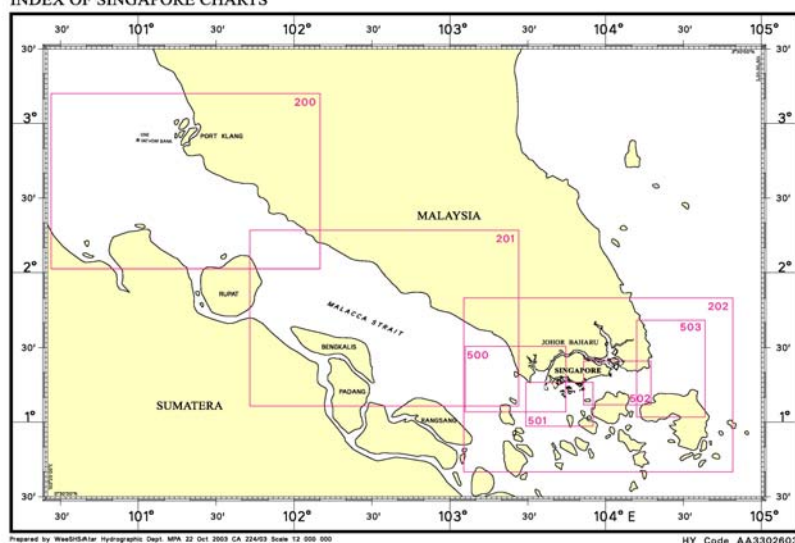
Location: Singapore
Agent's name: Motion Smith
Address: 78 Shenton Way # 01-03
 Singapore 079120
Telephone: 6220 5098
 (After Office hours: Pager Nos. 9 3044 156, 9 3044 159)
Fax No.: 6225 4902
E-mail: sales@motsmith.com
Internet Web Site: http://www.motsmith.com

SECTION III MARINE INFORMATION

INDEX OF SINGAPORE CHARTS



INDEX OF SINGAPORE CHARTS



Singapore Charts Catalogue

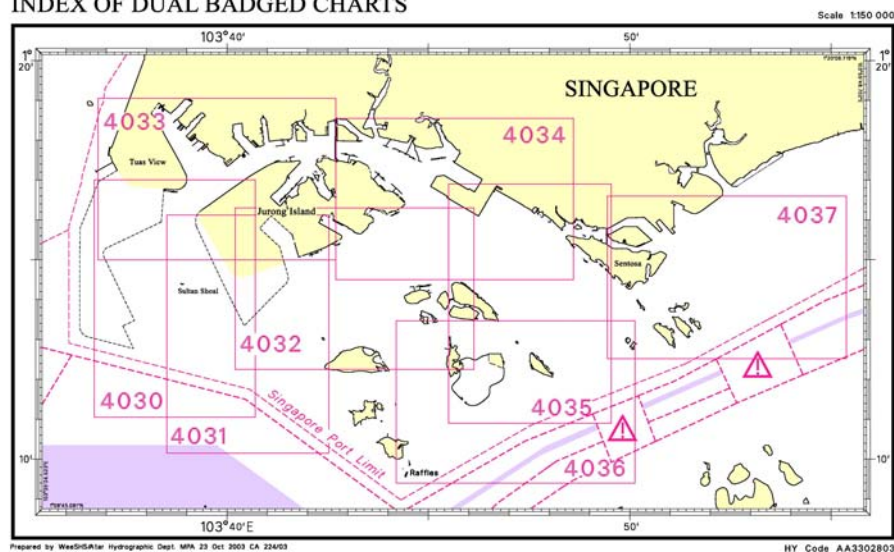
| Chart No. | Title and Charts Limit Positions In WGS 84 | Scale 1: | Date Published | Price (Excluding GST) S\$ |
|-----------------------|---|----------|-------------------|------------------------------------|
| 1 | Symbols and Abbreviations used on Singaporean produced Nautical Charts – July 2001 | - | - | 16.90 |
| Charts Small Craft | Singapore Strait & Adjacent Waterways | Various | 28 Jan 05 | 91.00 |
| | | | | |

SECTION III MARINE INFORMATION

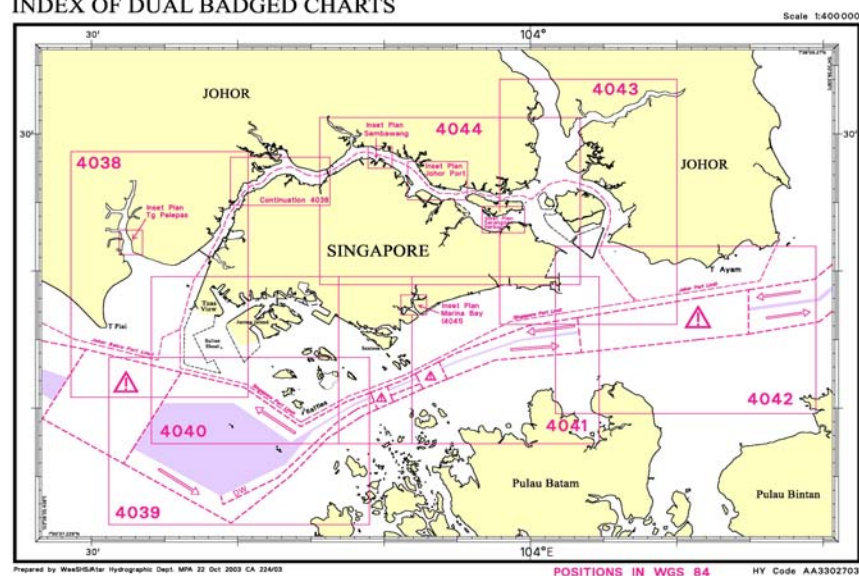
| Chart No. | Title and Charts Limit Positions In WGS 84 | Scale 1: | Date Published | Price (Excluding GST) S\$ |
|-----------|---|----------|-------------------|------------------------------------|
| SP1 | Anchorage and Aids to Navigation 1° 08.20'N 1° 29.40'N 103° 36.10'E 104° 07.20'E | 60 000 | 10/02/04 | 39.00 |
| GSP1 | Anchorage and Aids to Navigation (with Area Reference) 1° 08.20'N 1° 29.40'N 103° 36.10'E 104° 07.20'E | 60 000 | 10/02/04 | 39.00 |
| 200 | Malacca Strait - Port Klang to Tanjung Keling 2° 01.48'N 3° 12.00'N 100° 26.36'E 102° 09.90'E | 200 000 | 01/10/98 | 39.00 |
| 201 | Malacca Strait - Tanjung Keling to Western Entrance of Singapore Strait 1° 06.43'N 2° 17.00'N 101° 42.91'E 103° 26.45'E | 200 000 | 15/09/03 | 39.00 |
| 202 | Singapore Strait 0° 40.00'N 1° 50.00'N 103° 05.34'E 104° 48.89'E | 200 000 | 15/11/04 | 39.00 |
| 500 | Malacca and Singapore Straits – Pulau Pisang To Raffles Lighthouse 1° 04.05'N 1° 30.50'N 103° 05.80'E 103° 44.61'E | 75 000 | 15/10/02 | 39.00 |
| 501 | Singapore Strait – Western Part 0° 58.37'N 1° 16.00'N 103° 29.17'E 103° 55.05'E | 50 000 | 15/09/03 | 39.00 |
| 502 | Singapore Strait - Eastern Part 1° 07.00'N 1° 24.61'N 103° 51.43'E 104° 17.31'E | 50 000 | 15/11/00 | 39.00 |
| 503 | South China Sea - Eastern Approaches and Entrance to Singapore Strait 1° 02.00'N 1° 41.06'N 104° 11.90'E 104° 38.18'E | 75 000 | 15/09/04 | 39.00 |

SECTION III MARINE INFORMATION

INDEX OF DUAL BADGED CHARTS



INDEX OF DUAL BADGED CHARTS



SECTION III MARINE INFORMATION

Dual Badged Charts Catalogue

| Chart No. | Title and Charts Limit Positions In WGS 84 | Scale 1: | Date Published |
|-----------|---|----------|-------------------|
| 4030 | Port of Singapore West Jurong Anchorages and Fairways Lat. 1°11.05'N Lat. 1°17.00'N Long. 103°36.70'E Long. 103°40.70'E | 10 000 | 22/01/04 |
| 4031 | Port of Singapore South Jurong Island and its Approaches Lat. 1°10.15'N Lat. 1°16.12'N Long. 103°38.50'E Long. 103°42.53'E | 10 000 | 22/01/04 |
| 4032 | Port of Singapore Sinki Fairway Lat. 1°12.25'N Lat. 1°16.30'N Long. 103°40.20'E Long. 103°46.13'E | 10 000 | 22/01/04 |
| 4033 | Port of Singapore Tuas Bay, West Jurong Channel and Pesek Basin Lat. 1°15.00'N Lat. 1°19.05'N Long. 103°36.80'E Long. 103°42.70'E | 10 000 | 22/01/04 |
| 4034 | Port of Singapore East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway Lat. 1°14.50'N Lat. 1°18.55'N Long. 103°42.70'E Long. 103°48.60'E | 10 000 | 19/02/04 |
| 4035 | Port of Singapore Western Anchorages, Jong Fairway and Cruise Bay Lat. 1°10.90'N Lat. 1°16.90'N Long. 103°45.50'E Long. 103°49.54'E | 10 000 | 19/02/04 |
| 4036 | Port of Singapore Raffles Lighthouse to The Sisters Lat. 1°09.40'N Lat. 1°13.47'N Long. 103°44.20'E Long. 103°50.13'E | 10 000 | 19/02/04 |
| 4037 | Port of Singapore Keppel Harbour, Tanjong Pagar Terminal and Approaches Lat. 1°12.52'N Lat. 1°16.59'N Long. 103°49.40'E Long. 103°55.34'E | 10 000 | 22/07/04 |
| 4038 | Johor Strait – Western Part Lat. 1°10.80'N Lat. 1°28.70'N Long. 103°28.60'E Long. 103°40.70'E | 30 000 | 20/05/04 |

SECTION III MARINE INFORMATION

| Chart No. | Title and Charts Limit Positions In WGS 84 | Scale 1: | Date Published |
|-----------|---|----------|-------------------|
| 4039 | Western Approaches to Main Strait Lat. 1°01.50'N Lat. 1°13.70'N Long. 103°31.20'E Long. 103°49.00'E | 30 000 | 19/02/04 |
| 4040 | Tuas View to Pulau Sakijang Bendera (S John's Island) Lat. 1°07.40'N Lat. 1°19.60'N Long. 103°34.10'E Long. 103°51.90'E | 30 000 | 22/01/04 |
| 4041 | Pulau Sebarok to Changi Lat. 1°07.40'N Lat. 1°19.60'N Long. 103°46.90'E Long. 104°04.70'E | 30 000 | 20/05/04 |
| 4042 | Changi to Pulau Mungging Lat. 1°09.60'N Lat. 1°21.80'N Long. 104°01.70'E Long. 104°19.50'E | 30 000 | 20/05/04 |
| 4043 | Kuala Johor and Sungai Johor Lat. 1°16.10'N Lat. 1°34.00'N Long. 103°57.90'E Long. 104°10.00'E | 30 000 | 26/09/02 |
| 4044 | Johor Strait Eastern Part Lat. 1°19.00'N Lat. 1°31.20'N Long. 103°45.600'E Long. 104°03.40'E | 30 000 | 26/09/02 |
| | | | |

***(NM 12/2005) LIST OF DISTRIBUTORS AND INDEX OF SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC)**

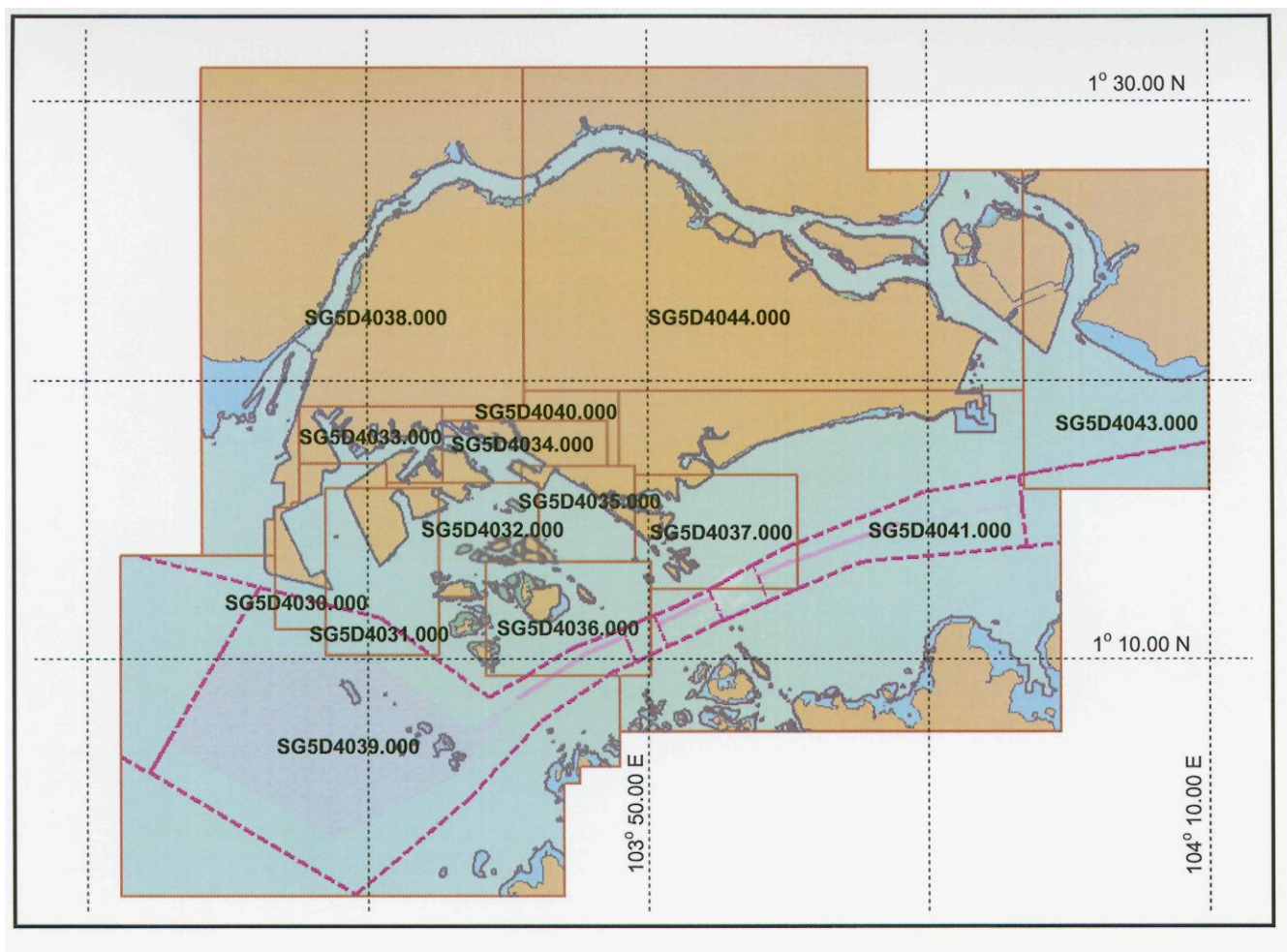
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|--|---|
| DPM (Singapore) Pte Ltd 1 Maritime Square, #09-72 HarbourFront Centre, Singapore 099253 Email: sales@dpmsingapore.com.sg Website: http://www.dpmsingapore.com.sg | Tel. No.: +65 6270 4060 Fax No.: +65 6276 3858 |
| Kelvin Hughes(S) Pte Ltd 8 Pandan Avenue #02-00, Singapore 609384 Email: hamzah.akhbar@khsing.com Website: http://www.kelvinhughes.co.uk | Tel. No.: +65 6545 9880 ext.24 Fax No.: +65 6545 8892 |
| Motion Smith 78 Shenton Way #01-03, Singapore 079120 Email: sales@motsmith.com Website: http://www.motsmith.com | Tel. No.: +65 6220 5098 Fax No.: +65 6225 4902 |
| Vector Services Pte Ltd 2 Maritime Square #04-12B SPI Building, Singapore 099255 Email: kwchoy@pacific.net.sg | Tel. No.: +65 9070 3425 Fax No.: +65 6278 7212 |

SECTION III MARINE INFORMATION

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| Maritime Information System AS (MARIS) Danholmen 25, No.3115 Tonsberg, Norway Email: roar.moe@maris.no Website: www.maris.no | Tel. No.: +47 33 30 42 50 Fax No.: +47 33 30 42 51 |
| Transas Marine Pacific Pte Ltd 750C Chai Chee Road, Technopark@Chai Chee #04-07, Singapore 469003 Email: looi@transas.com.sg Website: www.transas.com.sg | Tel. No.: +65 6443 3061 Fax No.: +65 6443 3025 |

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INDEX OF SINGAPORE ELECTRONIC NAVIGATIONAL CHART (ENC)



SECTION III MARINE INFORMATION

*(NM 13/2005) DREDGING WORKS AT PASIR PANJANG TERMINAL

Applicable to: Mariners operating near the vicinity of Pasir Panjang

Date: With effect from 29 Nov 04 to 28 May 05.

Location: Vicinity of Pasir Panjang Terminal and Pasir Panjang Holding anchorage, within an area bounded by the following co-ordinates (please see plan attached):

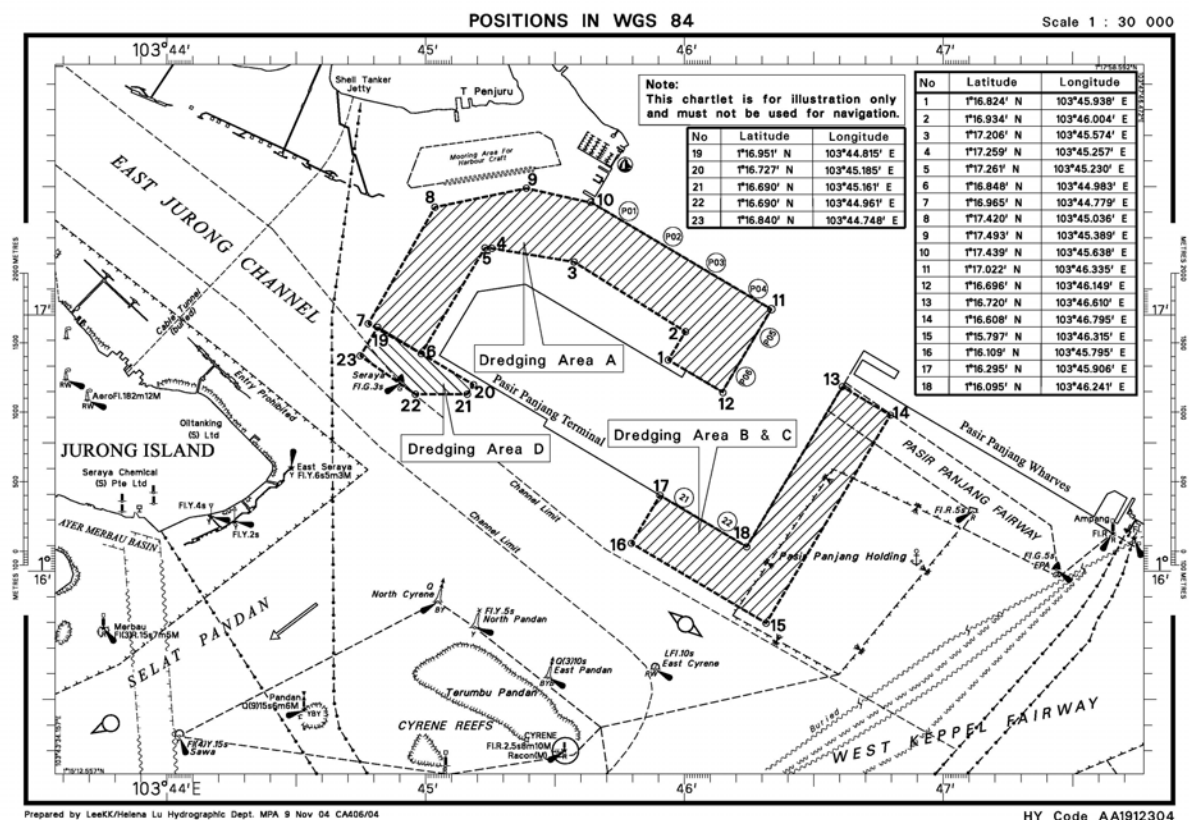
| Point | WGS 84 Datum | |
|-------|--------------|---------------|
| | Latitude (N) | Longitude (E) |
| 1 | 1°16.824' N | 103°45.938' E |
| 2 | 1°16.934' N | 103°46.004' E |
| 3 | 1°17.206' N | 103°45.574' E |
| 4 | 1°17.259' N | 103°45.257' E |
| 5 | 1°17.261' N | 103°45.230' E |
| 6 | 1°16.848' N | 103°44.983' E |
| 7 | 1°16.965' N | 103°44.779' E |
| 8 | 1°17.420' N | 103°45.036' E |
| 9 | 1°17.493' N | 103°45.389' E |
| 10 | 1°17.439' N | 103°45.638' E |
| 11 | 1°17.022' N | 103°46.335' E |
| 12 | 1°16.696' N | 103°46.149' E |
| 13 | 1°16.720' N | 103°46.610' E |
| 14 | 1°16.608' N | 103°46.795' E |
| 15 | 1°15.797' N | 103°46.315' E |
| 16 | 1°16.109' N | 103°45.795' E |
| 17 | 1°16.295' N | 103°45.906' E |
| 18 | 1°16.095' N | 103°46.241' E |
| 19 | 1°16.951' N | 103°44.815' E |
| 20 | 1°16.727' N | 103°45.185' E |
| 21 | 1°16.690' N | 103°45.161' E |
| 22 | 1°16.690' N | 103°44.961' E |
| 23 | 1°16.840' N | 103°44.748' E |

Source: Port Marine Notices No. 130 of 2004

Dated: 26 Nov 2004

Charts affected: SP1, GSP1, 4034, 4040

SECTION III MARINE INFORMATION



*(NM 14/2005) DREDGING WORKS AT SEMBAWANG WHARVES

Applicable to: Mariners operating near the vicinity of Sembawang Wharves

Date: With effect from 29 Nov 04 to 28 May 05.

Location: Vicinity of Sembawang Wharves, within an area bounded by the following co-ordinates (Please see plan attached):

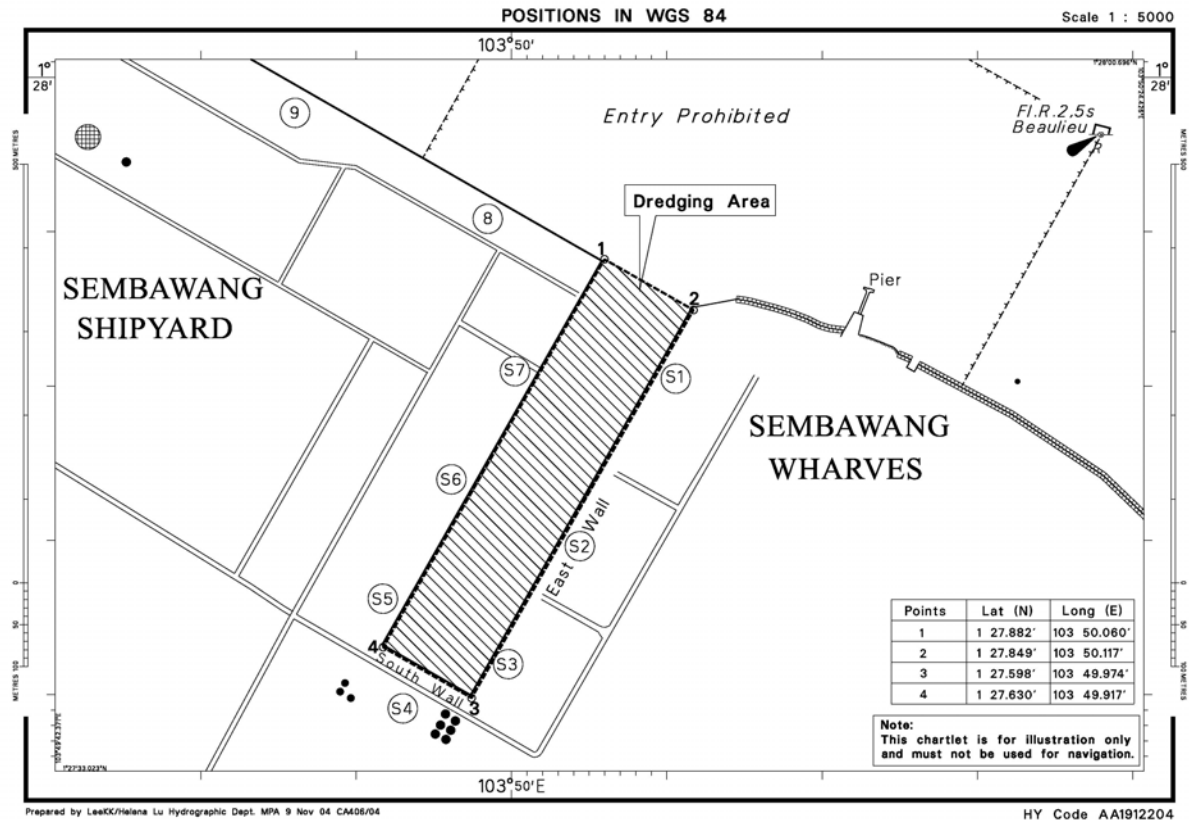
| Point | WGS 84 Datum | |
|-------|--------------|---------------|
| | Latitude (N) | Longitude (E) |
| 1 | 1°27.882' N | 103°50.060' E |
| 2 | 1°27.849' N | 103°50.117' E |
| 3 | 1°27.598' N | 103°49.974' E |
| 4 | 1°27.630' N | 103°49.917' E |

Source: Port Marine Notices No. 131 of 2004

Dated: 29 Nov 2004

Charts affected: SP1, GSP1, 4044

SECTION III MARINE INFORMATION



SECTION IV
REPRINT OF RADIO NAVIGATIONAL WARNINGS

NIL

SECTION V REPRINT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL BADGED CHART

5328(P)/04 SINGAPORE STRAIT - Pulau Nipa - Anchorage area.

Source: International Maritime Organization.

1. The Pulau Nipa Anchorage Area (PNAA) will be established in the separation zone of the Singapore Strait Traffic Separation Scheme on the 1 January 2005.
2. The limits of PNAA are as follows:

 1°09'.40N., 103°36'.60E.
 1°09'.10N., 103°38'.60E.
 1°05'.50N., 103°40'.80E.
 1°04'.50N., 103°38'.90E.
 1°06'.80N., 103°35'.00E.
3. For working details of PNAA see Admiralty Sailing Directions.
4. These changes will be included by Notices to Mariners update to Charts 4039 and 4040 to be issued in due course.

Charts affected - 4039 - 4040

Reprinted from: Weekly Edition 48 dated 25 November 2004

5537/04 JOHOR STRAIT – Peninsular Malaysia – Johor Port North-westwards – Light-beacons.

Light List Vol. F, 2004/05, 1756, 1758

Source: Malaysian Notice 14/04

Chart 4044 (plan C, Sembawang) [previous update 3535/04] WGS84 DATUM

Delete



Fl.G.3s7m5M Kanan

1° 28' .64N. , 103° 50' .40E.

Chart 4044 (plan B, Johor Port) [previous update 3535/04] WGS84 DATUM

Delete

RWG light sectors, pecked line, and associated legend,
Distance from Siniop light – 3 sea miles, centred on:

1° 26' .82N. , 103° 52'.38E.

Chart 4044 [previous update 3535/04] WGS84 DATUM

Delete



Fl.G.3s7m5M Kanan

1° 28' .64N. , 103° 50' .40E.



Fl(3)WRG.15s6m7M Siniop and associated sectors

1° 28' .25N. , 103° 51' .18E

SECTION V
REPRINT OF ADMIRALTY NOTICES TO MARINERS
FOR DUAL BADGED CHART

5542* SINGAPORE STRAIT - P. Nipa North-westwards - Radar beacon.

Source: Maritime and Port Authority of Singapore DBNM 52/04

Chart 4039 [*previous update 3537/04*] **WGS84 DATUM**

Delete Legend, (3cm), at radar beacon

1° 09' .18N. , 103° 39' .37E.

Chart 4040 [*previous update 5177/04*] **WGS84 DATUM**

Delete Legend, (3cm), at radar beacon

1° 09' .18N. , 103° 39' .37E.

Reprinted from: Weekly Edition 50 dated 9 December 2004

HYDROGRAPHIC NOTE

Date

Ref. No.....

Name of vessel or address of sender:

.....
.....
.....

General locality:

Subject:

Approx.Position: Lat Long.....

Charts affected:

Latest Notices to Mariners held

Publications affected (Edition No. and date of latest supplement)

.....
.....

Details:-

.....
.....
.....
.....
.....

Signature of

Observer/Reporter:..... Ship' s stamp

INSTRUCTION

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 observed in aids to navigation or corrections to nautical publications seem to be necessary.
2. The instructions below should be followed as closely as possible to facilitate easy interpretation of information.
3. A position which is fixed by sextant angles, radar ranges or bearings (true or magnetic) should include more than two objects in order to provide a check on its accuracy. When there is a series of fixes along a ship's track only the method of fixing and the objects used need to be indicated. A position may also be defined by bearing and distance from a conspicuous object eg. beacon, lighthouse etc.
4. A report should include a tracing of the largest scale chart and the details should be marked in red; adequate information must be traced in black ink to enable the amendments to be fitted correctly.
5. The method in which soundings are taken should be stated. In case of echo sounding, the trace should be marked with date, times, depths etc. and forwarded with the report. It is important to state whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught at the time of observation should be given. The make, name and type of set should also be stated.
6. Modern echo sounders frequently register greater depths than the advertised maximum for the set, eg. with a set whose maximum is 500 metres, a trace appearing at 50 metres may in fact be 550 metres or even 1050 metres. Erroneous deep soundings 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.
7. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.
8. Reports of shoal soundings, uncharted dangers and defects in aids to navigation may, at the mariner's discretion, be made by radio to Singapore Port Operations on VHF Channels 12 or 20 or to Chief Hydrographer, Maritime and Port Authority of Singapore, through Singapore Radio, call-sign 9VG, by wireless telegraphy.

Note:-

An acknowledgement of receipt will be sent and the information then used to the best advantage. When a Notice to Mariners is issued the sender's vessel or name is quoted as authority unless the same information is also received in a foreign Notices to Mariners. Further communication should be expected only if the information is of outstanding value or has unusual features.