



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 updated on the charts affected. Notices under Section II apply only to the particular Singaporean 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. See Hydrographic Note on back page.

The monthly Singaporean Notices to Mariners can be accessed directly from the MPA website:
[http://www.mpa.gov.sg/sites/port_and_shipping/circulars_and_notices/singapore_notices_to_mariners\(ntm\).page](http://www.mpa.gov.sg/sites/port_and_shipping/circulars_and_notices/singapore_notices_to_mariners(ntm).page)

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EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



Notes:

- a) Notice to Mariners number followed by:
 - T** indicates a Temporary Notice (eg. **NM 3T/2014**).
 - P** indicates a Preliminary Notice (eg. **NM 4P/2014**).
- b) Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward.
- c) Heights and elevations are above Mean High Water Springs.

I
INDEX OF CHARTS AND PUBLICATIONS

INDEX OF AFFECTED CHARTS

DESCRIPTION	NOTICE NO.	PAGE NO.
Index of Singaporean Charts	-	3, 4
Index of Dual-Badged Charts	-	5 to 7
Index of Singapore Electronic Navigational Chart (ENC)	-	8
New Edition Dual-Badged Charts	-	9, 10, 12
New Edition Singaporean Charts	-	11
New Release Electronic Navigational Charts	-	13
Singapore Tide Tables Year 2015	-	14 to 16
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*Source: Maritime and Port Authority of Singapore

I
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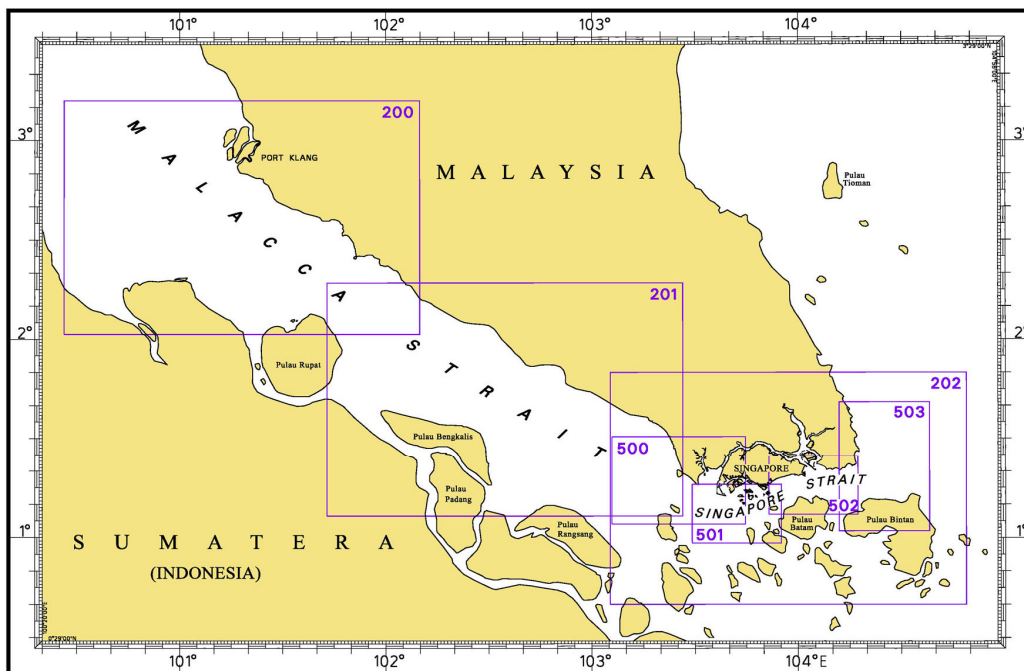
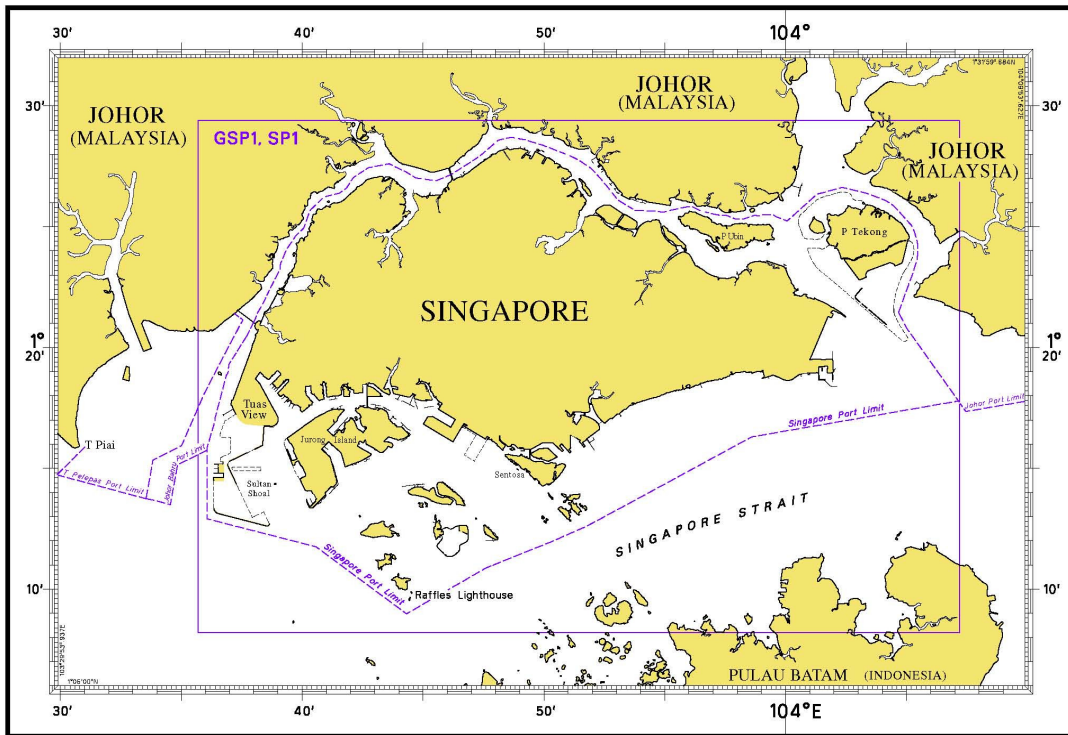
INDEX OF NOTICES

NOTICE NO.	DESCRIPTION	PAGE NO.
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-	New Edition Dual-Badged Charts	9, 10, 12
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* Source: Maritime and Port Authority of Singapore

I INDEX OF CHARTS AND PUBLICATIONS

INDEX OF SINGAPOREAN CHARTS



Notes:
Updated Singaporean Charts are available through our Print-On-Demand (POD) Chart Service. For more information, refer to Section III – Navigational Information. These charts can be purchased from our Chart Distributors.

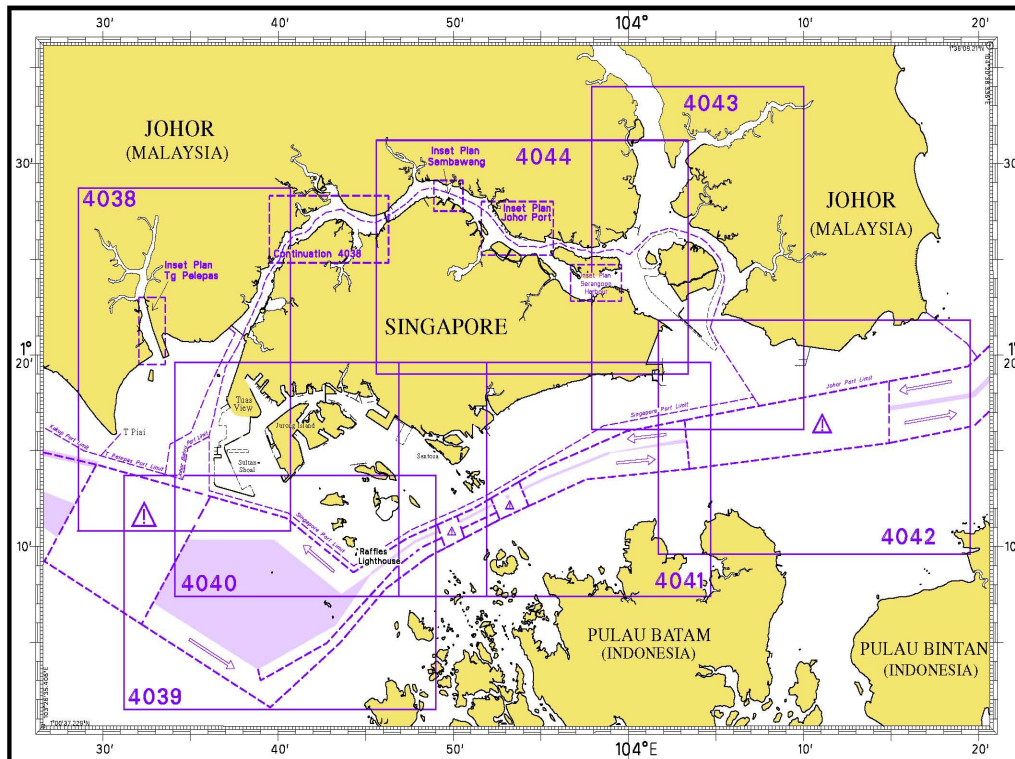
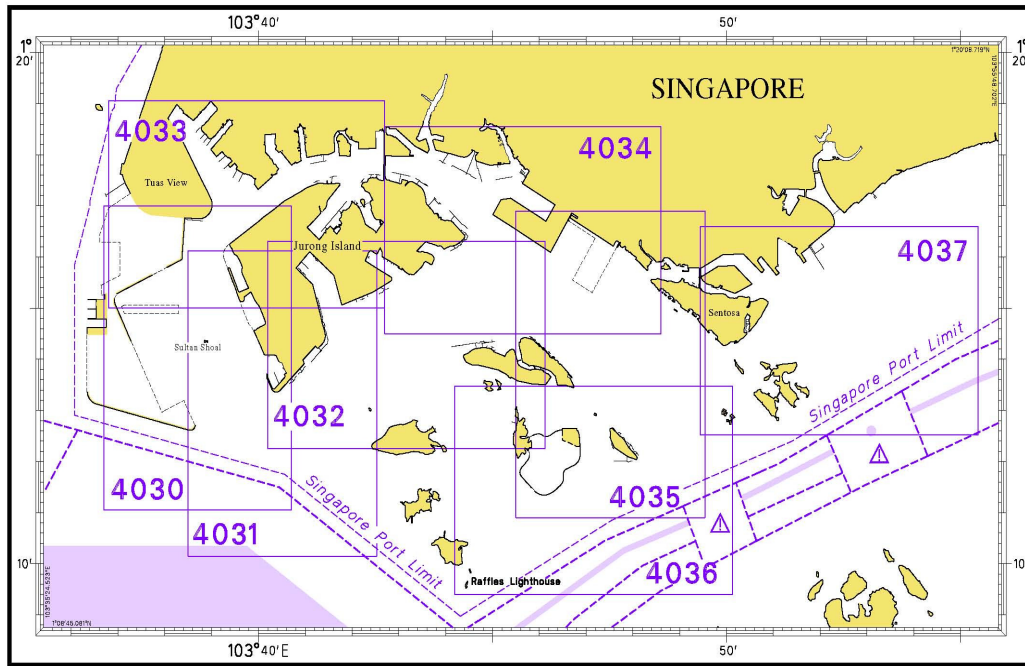
I
INDEX OF CHARTS AND PUBLICATIONS

SINGAPOREAN CHARTS

Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
GSP1	Anchorage and Aids to Navigation (with Area Reference)	60 000	15/04/2014
SP1	Anchorage and Aids to Navigation	60 000	15/04/2014
200	Malacca Strait - Port Klang to Tanjung Keling	200 000	22/09/2011
201	Malacca Strait - Tanjung Keling to Western Entrance of Singapore Strait	200 000	15/08/2014
202	Singapore Strait	200 000	26/09/2013
500	Malacca and Singapore Straits – Pulau Pisang to Raffles Lighthouse	75 000	26/09/2013
501	Singapore Strait – Western Part	50 000	03/05/2012
502	Singapore Strait - Eastern Part	50 000	03/05/2012
503	South China Sea - Eastern Approaches and Entrance to Singapore Strait	75 000	15/08/2014
-	Charts for Small Craft – Singapore Strait & Adjacent Waterways	10 000 to 200 000	02/01/2014
1	Symbols Abbreviations Terms and S-57 Objects used on Singapore Nautical and Electronic Navigational Charts. Available at MPA website http://www.mpa.gov.sg/sites/global_navigation/publications/chart1.page	-	28/07/2011

I INDEX OF CHARTS AND PUBLICATIONS

INDEX OF DUAL-BADGED CHARTS



I
INDEX OF CHARTS AND PUBLICATIONS

DUAL- BADGED CHARTS

Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
4030	Port of Singapore West Jurong Anchorages and Temasek Fairway	10 000	15/05/2014
4031	Port of Singapore Western Approaches to Jurong Island	10 000	15/05/2014
4032	Port of Singapore Sinki Fairway	10 000	15/05/2014
4033	Port of Singapore Tuas Bay, West Jurong Channel and Pesek Basin	10 000	15/05/2014
4034	Port of Singapore East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway	10 000	28/08/2014
4035	Port of Singapore Western Anchorages, Jong Fairway and Cruise Bay	10 000	28/08/2014
4036	Port of Singapore Raffles Lighthouse to The Sisters	10 000	25/04/2013
4037	Port of Singapore Keppel Harbour, Tanjong Pagar Terminal and Approaches	10 000	25/04/2013
4038	Malaysia and Singapore Johor Strait – Western Part	30 000	26/09/2013
4039	Indonesia, Singapore and Malaysia Western Approaches to Main Strait	30 000	24/04/2014
4040	Singapore, Indonesia and Malaysia Tuas View to Pulau Sakijang Bendera (S. John's Island)	30 000	14/08/2014
4041	Singapore and Indonesia Pulau Sebarok to Changi	30 000	14/08/2014

I
INDEX OF CHARTS AND PUBLICATIONS

DUAL- BADGED CHARTS

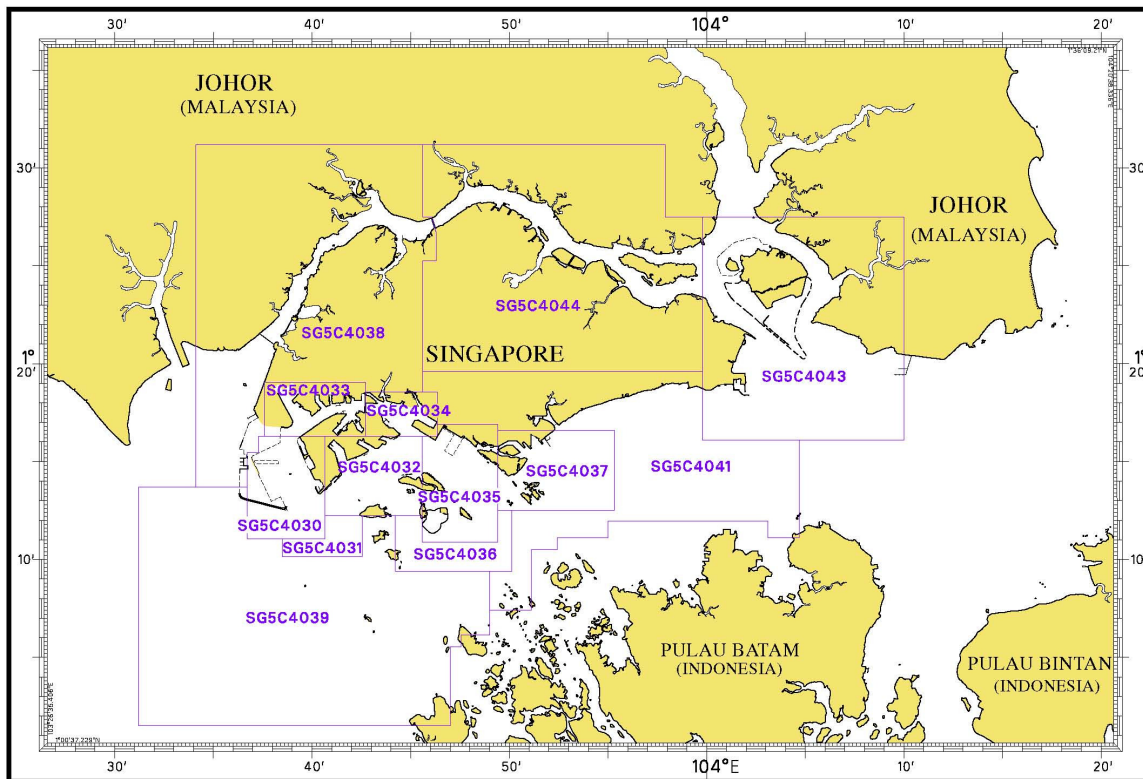
Chart No.	Chart Title	Scale 1:	Date Published of Latest Edition
4042	Indonesia, Malaysia and Singapore Changi to Pulau Mungging and Tanjung Buntan to Tanjung Tondang	30 000	24/04/2014
4043	Malaysia and Singapore Kuala Johor and Sungai Johor	30 000	14/08/2014
4044	Singapore and Malaysia Johor Strait - Eastern Part	30 000	14/08/2014

SINGAPOREAN PUBLICATIONS

Item	Title
1	Singapore Tide Tables Year 2014
2	Singapore Port Information 2014/2015

I INDEX OF CHARTS AND PUBLICATIONS

INDEX OF SINGAPORE ELECTRONIC NAVIGATIONAL CHART (ENC)



SINGAPORE ELECTRONIC NAVIGATIONAL CHART (ENC)

ENC Name	ENC Coverage	ENC Edition
SG5C4030	West Jurong Anchorages and Temasek Fairway	7 th Edition (1/09/2014)
SG5C4031	Western Approaches to Jurong Island	7 th Edition (1/09/2014)
SG5C4032	Sinki Fairway	9 th Edition (1/09/2014)
SG5C4033	Tuas Bay, West Jurong Channel and Pesek Basin	7 th Edition (1/09/2014)
SG5C4034	East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway	12 th Edition (1/09/2014)
SG5C4035	Western Anchorages, Jong Fairway and Cruise Bay	15 th Edition (1/09/2014)
SG5C4036	Raffles Lighthouse to The Sisters	8 th Edition (1/09/2014)
SG5C4037	Keppel Harbour, Tanjong Pagar Terminal and Approaches	8 th Edition (1/09/2014)
SG5C4038	Johor Strait – Western Part	7 th Edition (1/09/2014)
SG5C4039	Western Approaches to Main Strait	7 th Edition (1/09/2014)
SG5C4041	Pulau Sebarok to Changi	8 th Edition (1/09/2014)
SG5C4043	Kuala Johor	10 th Edition (1/09/2014)
SG5C4044	Johor Strait – Eastern Part	10 th Edition (1/09/2014)

II NEW PUBLICATIONS

NEW EDITION DUAL- BADGED CHARTS PUBLISHED ON 14TH AUGUST 2014

Chart Number : 4040
Title : Singapore, Indonesia and Malaysia
 Tuas View to Pulau Sakijang Bendera
 (S. John's Island)
Coverage : Lat 01° 07'·40 N 01° 19'·60 N
 Long 103° 34'·10 E 103° 51'·90 E
Scale : 1: 30 000
Date Published : 14th August 2014
Size of Chart : 1100·6 x 749·5 mm
Descriptions : This new edition includes changes to depths and topographic details from the latest surveys covering west of Tuas Reclamation, Jurong Anchorages, Temasek Fairway, West Jurong Channel, Pesek Basin, Banyan Basin, Sinki Fairway, East Jurong Channel, West Keppel Fairway, Shell SBM Area, Monggok Sebarok and East Keppel Fairway.

The existing chart of the same number published on 9th May 2013 is superseded.

Chart Number : 4041
Title : Singapore and Indonesia
 Pulau Sebarok to Changi
Coverage : Lat 01° 07'·40 N 01° 19'·60 N
 Long 103° 46'·90 E 104° 04'·70 E
Scale : 1: 30 000
Date Published : 14th August 2014
Size of Chart : 1100·6 x 749·5 mm
Descriptions : This new edition includes changes to depths and topographic details from the latest surveys covering Eastern Cable Corridor, approaches to Marina South, approaches to East Keppel Fairway, Keppel Harbour, S. John Dumping Ground, west of Sentosa, West Keppel Fairway and Shell SBM.

The existing chart of the same number published on 9th May 2013 is superseded.

II NEW PUBLICATIONS

NEW EDITION DUAL- BADGED CHARTS PUBLISHED ON 14TH AUGUST 2014

Chart Number : 4043
Title : Malaysia and Singapore
 Kuala Johor and Sungai Johor
Coverage : Lat 01° 16' 10 N 01° 34' 00 N
 Long 103° 57' 90 E 104° 10' 00 E
Scale : 1: 30 000
Date Published : 14th August 2014
Size of Chart : 748·1 x 1099·6 mm
Descriptions : This new edition includes changes to depths and topographic details from the latest surveys covering north of Pulau Ubin, around Pulau Tekong, Kuala Johor, Cable Corridor and Eastern Anchorages and Fairway.

The existing chart of the same number published on 29th August 2013 is superseded.

Chart Number : 4044
Title : Malaysia and Singapore
 Johor Strait, Eastern Part
Coverage : Lat 01° 19' 00 N 01° 31' 20 N
 Long 103° 45' 60 E 104° 03' 40 E
Scale : 1: 30 000
Date Published : 14th August 2014
Size of Chart : 1100·5 x 749·5 mm
Descriptions : This new edition includes changes to depths and topographic details from the latest surveys covering Approaches to Sembawang Shipyard, north-west of Pulau Ubin, north of Pulau Tekong and Kuala Johor.

The existing chart of the same number published on 29th August 2013 is superseded.

II NEW PUBLICATIONS

NEW EDITION SINGAPOREAN CHARTS PUBLISHED ON 15TH AUGUST 2014

Chart Number : 201
Title : Malacca Strait
 Tanjung Keling To Western Entrance Of Singapore Strait
Coverage : Lat 01° 06' 43 N 02° 16' 99 N
 Long 101° 42' 91 E 103° 26' 45 E
Scale : 1: 200 000
Date Published : 15th August 2014
Size of Chart : 960·0 x 650·0 mm
Descriptions : This new edition includes new submarine cables and updated bathymetry details.

The existing chart of the same number published on 7th October 2010 is superseded.

Chart Number : 503
Title : Eastern Approaches And Entrance To Singapore Strait
Coverage : Lat 01° 02' 00 N 01° 41' 06 N
 Long 104° 11' 89 E 104° 38' 17 E
Scale : 1: 75 000
Date Published : 15th August 2014
Size of Chart : 649·9 x 960·0 mm
Descriptions : This new edition includes new submarine cables and updated surveys around Pedra Branca.

The existing chart of the same number published on 1st April 2010 is superseded.

II NEW PUBLICATIONS

NEW EDITION DUAL- BADGED CHARTS PUBLISHED ON 28TH AUGUST 2014

Chart Number : 4034
Title : Port of Singapore
 East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway
Coverage : Lat 01° 14' 50 N 01° 18' 55 N
 Long 103° 42' 70 E 103° 48' 60 E
Scale : 1: 10 000
Date Published : 28th August 2014
Size of Chart : 1094.3 x 746.3 mm
Descriptions : This new edition includes changes to depths and topographic details from the latest surveys covering Pasir Panjang Terminal, East Jurong Channel, West Keppel Fairway, Sinki Fairway, Selat Pandan and newly commissioned berths P31 to P33 at Pasir Panjang Terminal.

The existing chart of the same number published on 11th April 2013 is superseded.

Chart Number : 4035
Title : Port of Singapore
 Western Anchorages, Jong Fairway and Cruise Bay
Coverage : Lat 01° 10' 90 N 01° 16' 90 N
 Long 103° 45' 50 E 103° 49' 54 E
Scale : 1: 10 000
Date Published : 28th August 2014
Size of Chart : 749.4 x 1105.7 mm
Descriptions : This new edition includes changes to depths and topographic details from the latest surveys covering Pasir Panjang Terminal, West Keppel Fairway, west of Sentosa, north of Pulau Bukom, west of Pulau Sebarok, Shell SBM, Terumbu Sebarok and newly commissioned berths P31 to P33 at Pasir Panjang Terminal.

The existing chart of the same number published on 26th September 2013 is superseded.

II NEW PUBLICATIONS

RELEASE OF NEW EDITION SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC) ON 1ST SEPTEMBER 2014

- 1 A new edition of the Singapore ENC covering Singapore waters and its approaches will be released on 1st September 2014. The new edition Singapore ENC will supersede the earlier edition cells.
- 2 The 16 ENC cells and their respective area of coverage are as follows:

Cellname	Coverage
SG5C4030	West Jurong Anchorages and Temasek Fairway
SG5C4031	Western Approaches to Jurong Island
SG5C4032	Sinki Fairway
SG5C4033	Tuas Bay, West Jurong Channel and Pesek Basin
SG5C4034	East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway
SG5C4035	Western Anchorages, Jong Fairway and Cruise Bay
SG5C4036	Raffles Lighthouse to The Sisters
SG5C4037	Keppel Harbour, Tanjong Pagar Terminal and Approaches
SG5C4038	Johor Strait – Western Part
SG5C4039	Western Approaches to Main Strait
SG5C4041	Pulau Sebarok to Changi
SG5C4043	Kuala Johor
SG5C4044	Johor Strait – Eastern Part
SG54044A	Serangoon Harbour
SG54044B	Pelabuhan Johor (Johor Port)
SG54044C	Sembawang

- 3 The new edition Singapore ENC can be purchased from any of our Singapore ENC Distributors:

[http://www.mpa.gov.sg/sites/port_and_shipping/port/charts_tidal_information_and_hydrography/charts/singapore_electronic_navigational_chart\(enc\).page](http://www.mpa.gov.sg/sites/port_and_shipping/port/charts_tidal_information_and_hydrography/charts/singapore_electronic_navigational_chart(enc).page)

Please refer Page 23 for list of Singapore ENC Distributors.

II NEW PUBLICATIONS

SINGAPORE TIDE TABLES YEAR 2015 TO BE PUBLISHED ON 21ST OCTOBER 2014

Summary of Publication

This 263-page book contains Tidal Height and Tidal Stream Predictions covering stations in Singapore port waters and along the Straits of Malacca and Singapore.

This publication consists of 5 segments.

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) Sultan Shoal Lighthouse
 - b) Raffles Lighthouse
 - c) West Coast
 - d) Bukom
 - e) Tanjong Pagar
 - f) Tanah Merah
 - g) Tanjong Changi
 - h) Sembawang
 - i) 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

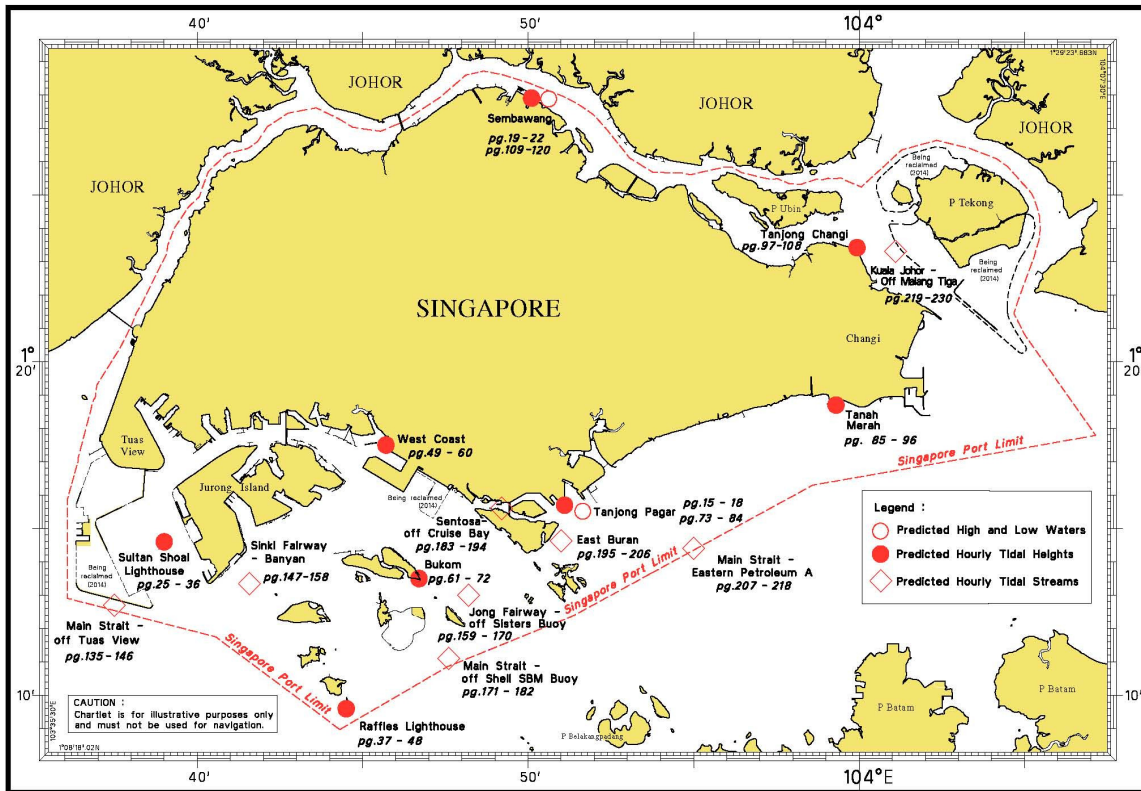
4. **Maximum and Slack Tidal Stream Predictions** at the following stations:
 - a) Malacca Strait – Off The Brothers Light
 - b) Singapore Strait – Selat Phillip
 - c) Singapore Strait – Karang Banteng (Buffalo Rock)
 - d) Singapore Strait – Horsburgh Lighthouse

5. **Malacca Strait – High and Low Water Predictions** at the following stations:
 - a) Kedah Pier, Pulau Pinang
 - b) Port Dickson
 - c) Kuala Batu Pahat

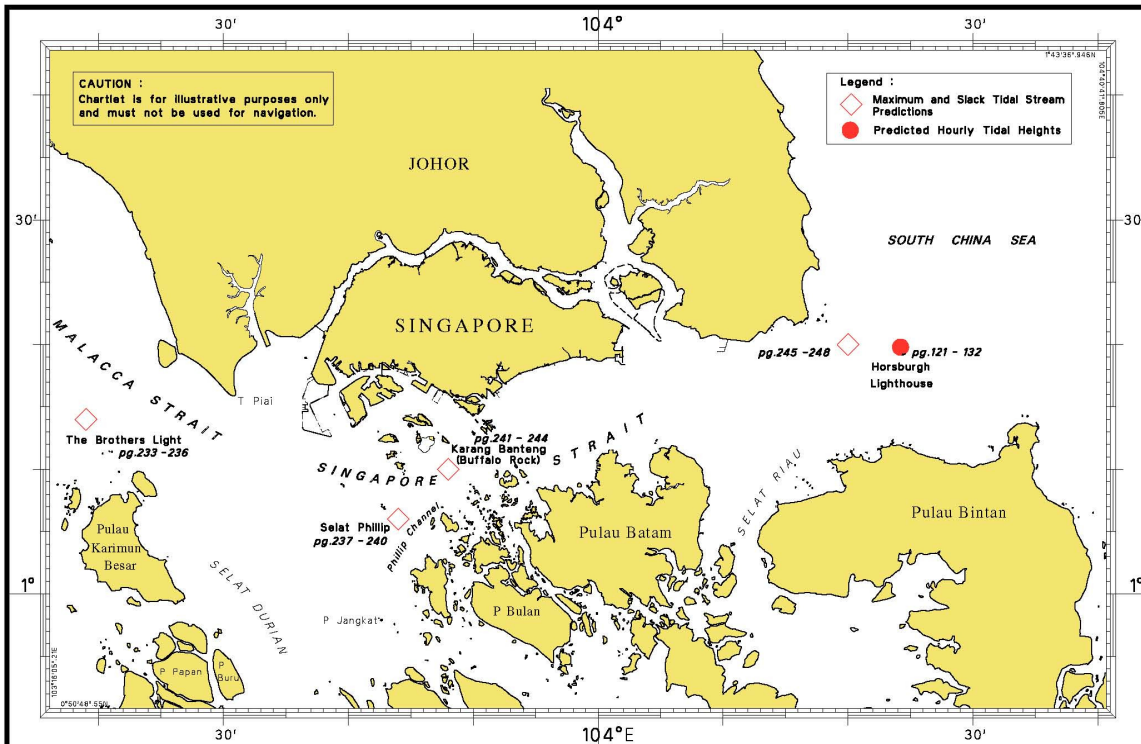
The locations of the above stations are shown in the chartlets below:

II NEW PUBLICATIONS

Tidal Prediction Stations within Singapore port waters



Tidal Prediction Stations in Straits of Malacca and Singapore



II NEW PUBLICATIONS

Tidal Prediction Stations in Malacca Strait



This publication is available from the following Chart Distributors:

1. Cornes Singapore Pte Ltd
2. DPM (Singapore) Pte Ltd
3. E.W. Liner Charts & Publications Pte Ltd
4. Kelvin Hughes (Singapore) Pte Ltd
5. Motion Smith

(Please refer Page 24 for details)

II
NOTICES TO MARINERS AND CHART CORRECTIONS

502 6Ed 3/05/12 Last NM 64/2014 (Admiralty Notice No. 31/3240/2014) **NM 70/2014**

Insert depth *20* , enclosed by 20m contour at 1° 18·79'N 104° 10·52'E

II
TEMPORARY AND PRELIMINARY NOTICES

- *(NM 71T/2014)** **Semaphore Tower at Pulau Satumu – Raffles Lighthouse**
- The day mark signal (an upright black cone over a black drum) and night mark signal (an isophase white 'X' every 10 sec) warning passing vessels of a VLCC crossing the Main Strait and bound for Shell Single Buoy Mooring (SBM) in position Latitude 1° 09.65' N Longitude 103° 44.47' E are out of service.
- Remark :** Vessels in the vicinity of Raffles Lighthouse are advised to navigate with caution. (This notice cancels Notices to Mariners No. 47T, 55T and 65T of 2014.)
- Charts affected :** GSP1/SP1, 202, 500, 501, 4036, 4039 and 4040.
- Publication affected:** Singapore Port Information 2014/2015.
-

*Source: Maritime and Port Authority of Singapore

III NAVIGATIONAL INFORMATION

***(NM 72/2014) SINGAPORE PORT MARINE NOTICES**

The Port Marine Notices shortlisted below would be of particular interest to mariners. Details and complete list of Port Marine Notices are available at this link:

http://www.mpa.gov.sg/sites/port_and_shipping/circulars_and_notices/port_marine_notices.page

PMN No.	Subject
102/2014	Construction of sand bund at Pulau Semakau Dumping Ground.
103/2014	Reclamation work off Temasek Fairway, west of Jurong Island.
104/2014	Dredging work in Temasek Fairway.

***(NM 73/2014) SINGAPOREAN PRINT-ON-DEMAND (POD) CHARTS**

Print-On-Demand (POD) Charts are the most up-to-date paper nautical charts printed for navigational use. These nautical charts are produced in accordance with the International Hydrographic Organisation (IHO) chart specifications. These official nautical charts are continually updated to the latest Notices to Mariners before they are printed and sold to users.

These POD Charts include 200, 201, 202, 500, 501, 502 and 503.

BENEFITS TO OUR CUSTOMERS

Convenience

Customers need not make numerous hand corrections to the nautical charts before use. In addition the updated POD Charts are more accurate and reliable than offset printed charts with hand corrections.

Clarity

Clarity in the presentation of updated information as compared to lithographic printed charts, where in some cases there are several overlapping corrections over existing information.

Coverage

The POD Charts cover the Malacca and Singapore Straits, from One Fathom Bank to Horsburgh Lighthouse.

*Source: Maritime and Port Authority of Singapore

III
AMENDMENTS TO PUBLICATIONS

***(NM 74/2014) UPDATING OF PUBLICATION "SINGAPORE PORT INFORMATION 2014/2015"**

1. DEPTHS OF NAVIGATIONAL CHANNELS AND FAIRWAYS

Page 109

Amend the following:

LOCATIONS	DEPTHS (m)	REMARKS
Temasek Fairway	15.1	-
Eastern Fairway	12.6	-

LOCATIONS	DEPTHS (m)	REMARKS
East Jurong Channel	15.0	Note: 14.8m high spot off Pusing Buoy

2. DEPTHS OF RIVERS AND BASINS

Page 111

Insert the following:

LOCATIONS	DEPTHS (m)	REMARKS
Temasek Basin	16.0	-

3. WHARVES AND BERTHS

Page 172 – Item 23

JURONG ISLAND (OILTANKING SINGAPORE LTD) (1° 16.8'N, 103° 44.1'E)

Amend the following:

Berth	Length of Berth	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
20	165m	15.1m (2014)	12.8m
21	115.5m	13.6m (2014)	12.8m

*Source: Maritime and Port Authority of Singapore

IV
REPRINT OF RADIO NAVIGATIONAL WARNINGS

The following Radio Navigational Warnings have been shortlisted, as they would be of particular interest to mariners.

TT026 (AMENDED ON 16 MAR 14)

TUAS RECLAMATION WORKING AREA AT WESTERN PART OF SINGAPORE PORT ARE MARKED BY BUOYS (REF. PMN: 54/2013, 30/2014).

TT175

VESSELS IN EAST JOHOR STRAIT ARE ADVISED TO NAVIGATE WITH CAUTION WHEN NEAR THE PROJECT AREAS OFF PULAU TEKONG, CHANGI AND MALANG PAPAN AS SHALLOW WATER AREAS EXIST. VESSELS ARE ADVISED TO KEEP LOOKOUT FOR TUGS AND BARGES NAVIGATING NEAR THE PROJECT AREAS AND PASSENGER FERRIES CROSSING BETWEEN CHANGI AND PULAU TEKONG AND VICINITY OF PASIR GUDANG.

TT181(AMENDED 240203UTC JUL 14)

SEMAPHORE TOWER AT RAFFLES LIGHTHOUSE AT POSITION LAT 01° 09.606'N LONG 103° 44.450'E, DAY AND NIGHT SIGNALS REPORTED NOT OPERATIONAL. MARINERS ADVISED TO NAVIGATE WITH CAUTION.

TT189

RACON D Q(6)+LFL.15S IN POSITION LAT 01° 03.60'N LONG 103° 38.85'E IS UNLIT. VESSEL ARE ADVISED TO KEEP A LOOKOUT AND NAVIGATE WITH CAUTION.

TT190(AMENDED 091320SGT AUG 14)

BATU BERHANTI ISOLATED DANGER BOUY FL(2) 5S IN POSITION LAT 01° 11.76'N LONG 103° 52.51'E HAS BEEN REMOVED.

TT191

CS ASEAN EXPLORER IS CARRYING OUT SUBMARINE CABLE REPAIR ON APCN2 SUBMARINE CABLE SYSTEM IN THE TSS WEST BOUND LANE OF SECTOR 9.

TT193

JURONG EMPAT BUOY Q(9)W.15S IN POSITION 01° 15.928'N 103° 39.015'E IS REPORTED MISSING. VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

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 WITH EFFECT FROM 1ST JULY 2011 AT 010000UTC (0800SGT) AS DETAILED IN MARITIME AND PORT AUTHORITY OF SINGAPORE'S PORT MARINE CIRCULAR, 02 OF 2011 DATED 30 MAY 2011.

ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 24th August 2014)

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

These notices can also be accessed directly from UKHO Website:
<http://www.ukho.gov.uk/ProductsandServices/MartimeSafety/Pages/NMPublic.aspx>

NIL

Update to Admiralty Notices to Mariners Edition No. 35 of 2014 dated 28th August 2014.

SINGAPORE ENC DISTRIBUTORS

ENC DISTRIBUTOR	ADDRESS	TEL/FAX /EMAIL/WEBSITE
ChartWorld GmbH	Atlantic Haus, Zirkusweg 1 D-20359 Hamburg Germany	Tel: +49 40 853 58 6942 Fax: +49 40 853 58 6949 Email: sales@chartworld.com
ChartWorld Asia Pacific Pte Ltd.	Frontech Centre 07-01, 15 Jalan Kilang Barat, Singapore 159357	Tel: +65 6513 3500 Website: http://www.chartworld.com http://www.ecdis-as-a-service.com
DPM (Singapore) Pte Ltd	2 Boon Leat Terrace, #05-02/03 Harbourside 2, Singapore 119844	Tel: +65 6270 4060 Fax: +65 6276 3858 Email: sales@dpmsingapore.com.sg Website: http://www.dpmsingapore.com.sg
Maritime Information Systems (MARIS)	52, Telok Blangah Road #01-06, Telok Blangah House, Singapore 058809	Tel: +65 6276 1472 Fax: +65 6276 1473 Email: : support@maris.sg Website: http://www.maris.no
Maritime Information Systems AS (MARIS)	Danholmen 25, 3128 Notteroy, Norway	Tel: +47 33 30 42 50 Fax: +47 33 30 42 51 Email: : sales@maris.no Website: http://www.maris.no
Motion Smith	15 Jalan Kilang Barat #08-01/05 Frontech Centre, Singapore 159357	Tel: +65 6220 5098 Fax: +65 6225 4902 Email: sales@motsmith.com Website: http://www.motsmith.com
Transas Marine Pacific Pte Ltd	Cyber Centre 16/18 Jalan Kilang Barat Off Jalan Bukit Merah Singapore 159358	Tel: +65 6271 0200 Fax: +65 6271 7300 Email: navigation.asia@transas.com Website: http://www.transas.com
Japan Hydrographic Association (Electronic Charts Division)	Daiichi Sogo Bldg, 6F 1-6-6, Hanedakuko, Ota-ku Tokyo 144-0041, Japan	Tel: +81 3 5708 7093 Fax: +81 3 5708 7094 Email: shimizu-6kj@jha.jp Website: http://www.jha.or.jp/en/jha/
Jeppesen Norway AS	P.O Box 212 , N-4371 Egersund, Norway	Tel: +47 51 46 4700 Fax: +47 51 46 4701 Email: license.marine@jeppesen.com Website : http://www.jeppesen.com/marine
PRIMAR STAVANGER	Lervigsveien 36, P.O Box 60, N-4001 Stavanger, Norway	Tel: +47 51 93 9500 Fax: +47 51 93 9501 Email: sales@ecc.no Website : http://www.primar.no
The United Kingdom Hydrographic Office	Admiralty Way, Taunton, Somerset, TA1 2DN United Kingdom	Tel: +44 1823 33 7900 Fax: +44 1823 28 4077 Emails: ENCS.SalesReports@ukho.gov.uk Website: http://www.ukho.gov.uk

Chart Distributors for the Maritime and Port Authority of Singapore
Nautical Charts and Publications

Please approach any of the Chart Distributors to purchase the Singapore Nautical Charts and Publications.

CHART DISTRIBUTORS	ADDRESS	TEL/FAX/EMAIL/WEBSITE
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DPM (Singapore) Pte Ltd	2 Boon Leat Terrace, #05-02/03 Harbourside 2, Singapore 119844	Tel: +65 6270 4060 Fax: +65 6276 3858 Email: sales@dpmsingapore.com.sg Website: http://www.dpmsingapore.com.sg
E.W. Liner Charts & Publications Pte Ltd	102F, Pasir Panjang Road, #08-01, Citilink Warehouse Complex, Singapore 118530	Tel: +65 6323 0773 Fax: +65 6323 0775 Email: ewliner@singnet.com.sg Website: http://www.ewliner.com
Kelvin Hughes (Singapore) Pte Ltd	896 Dunearn Road #03-05 Sime Darby Centre Singapore 589472	Tel: +65 6545 9880 Fax: +65 6545 8892 Email: leslie.khoo@kelvinhughes.com.sg Website: http://www.kelvinhughes.com
Motion Smith	15 Jalan Kilang Barat #08-01/05 Frontech Centre Singapore 159357	Tel: +65 6220 5098 (After office hours:+65 8163 9993) Fax: +65 6225 4902 Email: sales@motsmith.com Website: http://www.motsmith.com

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
460 Alexandra Road PSA Building #20-00
Singapore 119963

Tel : (65) 6375 1227
Fax : (65) 6278 7646
Email : 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 :

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Attachment :

Equipment Used :

Type of Position Fixing : GPS / DGPS Others :

Type of Echo Sounder :

Name and Signature :

Ship's/Company's Stamp :