



## 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 Website: [www.mpa.gov.sg](http://www.mpa.gov.sg)

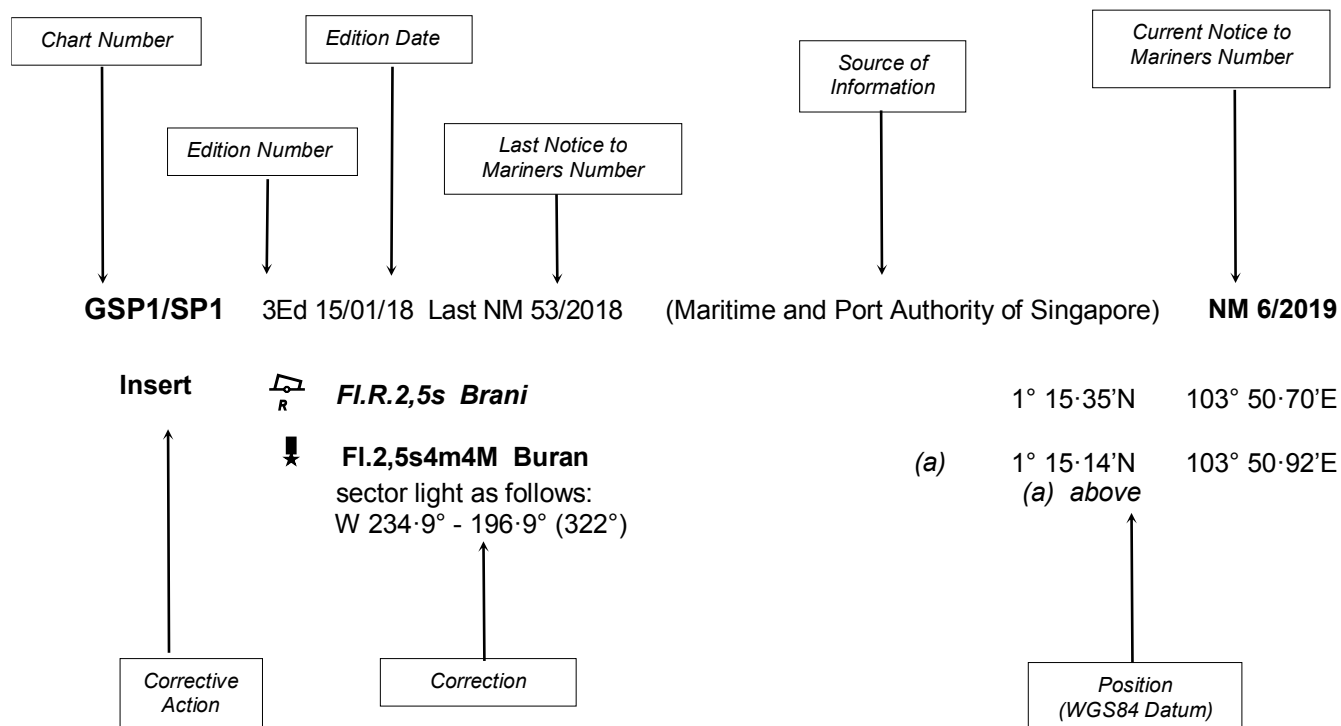
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

### Contact information:

Hydrographic Division  
Maritime and Port Authority of Singapore  
7B Keppel Road  
#20-00 Tanjong Pagar Complex  
Singapore 089055  
Tel : (65) 6325 2027  
Fax : (65) 6226 1076  
Email : [hydrographic@mpa.gov.sg](mailto:hydrographic@mpa.gov.sg)

## 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/2019**).

**P** indicates a Preliminary Notice (eg. **NM 10P/2019**).

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  
**AFFECTED CHARTS AND PUBLICATIONS**

**INDEX OF AFFECTED CHARTS**

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Singaporean Chart 202	113	3
Singaporean Chart 503	113	3
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Singapore Port Marine Notices/Circulars	*114	5
Amendments to Publications	-	6
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\*Source: Maritime and Port Authority of Singapore

I  
**AFFECTED CHARTS AND PUBLICATIONS**





**INDEX OF NOTICES**

<b>NOTICE NO.</b>	<b>DESCRIPTION</b>	<b>PAGE NO.</b>
113	Singaporean Chart 202	3
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-	Temporary and Preliminary Notices	4
*114	Singapore Port Marine Notices/Circulars	5
-	Amendments to Publications	6
-	Reprint of Maritime Safety Information	7
-	Extract of Admiralty Notices to Mariners for Dual-Badged Charts	10





\*Source: Maritime and Port Authority of Singapore

## II

## NOTICES TO MARINERS AND CHART CORRECTIONS

<b>202</b>	8 Ed 15/9/16	Last NM 86/2019	(Indonesian Notice no. 45/599-602/2019)	<b>NM 113/2019</b>
<b>Insert</b>	 <b>VQ</b>		1°24·68'N	104°35·25'E
	 <b>Q(9)15s</b>		1°24·26'N	104°34·82'E
	 <b>Q(6)+LFl.15s</b>		1°23·84'N	104°35·24'E
	 <b>Q(3)10s</b>		1°24·26'N	104°35·66'E

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<b>503</b>	5 Ed 15/8/14	Last NM 71/2019	(Indonesian Notice no. 45/599-602/2019)	<b>NM 113/2019</b>
<b>Insert</b>	 <b>VQ</b>		1°24·68'N	104°35·25'E
	 <b>Q(9)15s</b>		1°24·26'N	104°34·82'E
	 <b>Q(6)+LFl.15s</b>		1°23·84'N	104°35·24'E
	 <b>Q(3)10s</b>		1°24·26'N	104°35·66'E

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

**NIL**

**III**  
**NAVIGATIONAL INFORMATION**

**\*(NM 114/2019)**

**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>

**PMN No.**

**Subject**

103/2019	Construction of jetty at Pulau Ayer Chawan, Jurong Island
107/2019	Reclamation work at Tuas View, off Temasek Fairway
114/2019	Construction works at Sungei Pandan

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\*Source: Maritime and Port Authority of Singapore

**III**  
**AMENDMENTS TO PUBLICATIONS**

**NIL**



## IV

### REPRINT OF MARITIME SAFETY INFORMATION

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

#### 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.

#### 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.

#### TT363 (AMENDED 140821UTC APRIL 19).

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.

#### 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.

#### 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.

#### 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.

#### TT440

A NUMBER OF UNKNOWN VESSELS ARE OBSERVED ANCHORED IN THE TSS/PRECAUTIONARY AREA SOUTH OF TG. RAMUNIA AT APPROXIMATE POSITION LAT 01°17.91'N LONG 104°14.92'E. ALL VESSELS ARE ADVISED TO KEEP A GOOD LOOK OUT AND PROCEED WITH CAUTION WHEN PASSING THIS AREA IN THE SINGAPORE STRAIT.

#### TT562 (Amended on 13/11/2019)

LAYING OF SUBSEA PIPELINE AT WEST JURONG CHANNEL AND PESEK BASIN FROM 20 JUN 2019 TO 15 DEC 2019. VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION AND PROCEED AT SAFE SPEED IN THE AREA. PLEASE REFER TO PMN 059 OF 2019.

## IV

## REPRINT OF MARITIME SAFETY INFORMATION

TT574 (AMENDED ON 26 NOV)

BANYAN BEACON AT LAT 01°13.346'N LONG 103°41.585'E HAS BEEN TEMPORARILY REPLACED WITH AN ISO DANGER BUOY AT LAT 01°13.319'N LONG 103°41.561'E. MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT580

TK (Takong KL) ISOLATED DANGER BUOY IN POSITION LAT 01°05.8'N LONG 103°43.6'E UNLIT. MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT582 (AMENDED).

CABLE VESSEL ASEAN PROTECTOR IS CARRYING OUT CABLE LAYING WORKS FROM SOUTH OF TUAS VIEW EXTENSION AND INTO THE TSS AND PRECAUTIONARY AREA OF SECTOR 7 (VTIS WEST) OF THE SINGAPORE STRAIT FROM 09 OCT 2019 to 28 MAR 2020. VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE CABLE VESSEL.

TT586 (AMENDED ON 26 NOV)

SEBAROK BEACON AT LAT 01°11.872'N LONG 103°48.433'E HAS BEEN TEMPORARILY REPLACED WITH A RED CAN BUOY AT LAT 01°11.841'N LONG 103°48.452'E. MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT590

THE SEMAPHORE TOWER "X" LIGHT AT RAFFLES LIGHTHOUSE IS UNDER MAINTENANCE. MARINERS ARE TO NAVIGATE WITH CAUTION.

TT592

SAFE WATER MARK BUOY (LFL.10s) IN POSITION LAT 01°03.00'N LONG 103°39.03'E SOUTH OF RACON D, MARKING THE ENTRANCE TO THE DEEP WATER ROUTE IS REPORTED OUT OF POSITION. ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT594

CONDUCTING OF SURVEY WORKS BOUNDED BY THE FOLLOWING COORDINATES FROM 06 NOV 2019 TO 30 NOV 2019.

A 01°20.28'N 104°24.29'E

B 01° 20.28'N 104°24.79'E

C 01°19.63'N 104°24.79'E

D 01°19.63'N 104°24.13'E

E 01°20.14'N 104°24.13'E

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

TT598

SURVEY VESSEL 'SR 3348J' IS CARRYING OUT SURVEY WORKS IN THE EAST JOHOR STRAIT FROM CHANGI BEACH PARK TO THE PORT LIMIT OFF PJSB FROM 15 NOV 2019 TO 27 NOV 2019. VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION, PROCEED AT SAFE SPEED AND KEEP WELL CLEAR OF THE SURVEY VESSEL.

TT600

REPORT OF UNAUTHORISED BOARDING ON 230520SGT NOVEMBER 2019 IN POSITION LAT 01°16.31'N LONG 104°14.08'E. ALL VESSELS PASSING THE VICINITY ARE REQUESTED TO MAINTAIN A GOOD ANTI PIRACY WATCH.

TT601

REPORT OF UNAUTHORISED BOARDING ON 240300SGT NOVEMBER 2019 IN POSITION LAT 01°14.25'N LONG 104°04.01'E. ALL VESSELS PASSING THE VICINITY ARE REQUESTED TO MAINTAIN A GOOD ANTI PIRACY WATCH.

TT602 (AMENDED 281525H)

REPORT OF UNAUTHORISED BOARDING ON 280458SGT NOVEMBER 2019 IN POSITION LAT 01 17.17'N LONG 104 19.67'E. ALL VESSELS PASSING THE VICINITY ARE REQUESTED TO MAINTAIN A GOOD ANTI PIRACY WATCH.

**IV**  
**REPRINT OF MARITIME SAFETY INFORMATION**

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.

SR123 (AMENDED 170105UTC APRIL 19).

ALL VESSELS ARE ADVISED TO MAINTAIN A CONSTANT VISUAL AND RADAR WATCH FOR SMALL CRAFT AND REPORT ANY SUSPICIOUS ACTIVITIES IN THE SINGAPORE STRAIT TO VTIS SINGAPORE.

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ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 28<sup>th</sup> November 2019)

## 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>








## 5797\* SINGAPORE - Buoyage.

Source: Maritime and Port Authority of Singapore

**Chart 4030** [ *previous update 5418/19* ] WGS84 DATUM

Insert	 <i>Fl(3)R.15s F2-DDJV-4</i>	1° 14·614'N, 103° 39·289'E
	 <i>Fl.G.2s Jurong Satu</i>	1° 14·314'N, 103° 39·935'E
Move	 <i>Q(9)15s Jurong Empat,</i>	from: 1° 15·895'N, 103° 39·216'E to: 1° 15·955'N, 103° 39·220'E
	 <i>Fl(2)R.5s F2-DDJV-3A</i>	from: 1° 15·160'N, 103° 39·131'E to: 1° 15·142'N, 103° 39·076'E
	 <i>Fl.R.2s Temasek</i>	from: 1° 13·780'N, 103° 39·501'E to: 1° 13·804'N, 103° 39·622'E
Delete	former  <i>Fl.G.2s Jurong Satu</i>	1° 14·046'N, 103° 39·986'E
	former  <i>Fl(3)R.15s F2-DDJV-4</i>	1° 14·096'N, 103° 39·413'E

**Chart 4031** [ *previous update 4778/19* ] WGS84 DATUM

Insert	 <i>Fl(3)R.15s F2-DDJV-4</i>	1° 14·614'N, 103° 39·289'E
	 <i>Fl.G.2s Jurong Satu</i>	1° 14·314'N, 103° 39·935'E
Move	 <i>Q(9)15s Jurong Empat,</i>	from: 1° 15·895'N, 103° 39·216'E to: 1° 15·955'N, 103° 39·220'E
	 <i>Fl(2)R.5s F2-DDJV-3A</i>	from: 1° 15·160'N, 103° 39·131'E to: 1° 15·142'N, 103° 39·076'E
	 <i>Fl.R.2s Temasek</i>	from: 1° 13·780'N, 103° 39·500'E to: 1° 13·804'N, 103° 39·622'E
Delete	former  <i>Fl.G.2s Jurong Satu</i>	1° 14·046'N, 103° 39·986'E
	former  <i>Fl(3)R.15s F2-DDJV-4</i>	1° 14·096'N, 103° 39·413'E



## 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>





## Chart 4033 [ previous update 4778/19 ] WGS84 DATUM

Move	 <i>Q(9)15s Jurong Empat,</i>	from: 1° 15.895'N, 103° 39.216'E to: 1° 15.955'N, 103° 39.220'E
	 <i>Fl(2)R.5s F2-DDJV-3A</i>	from: 1° 15.160'N, 103° 39.131'E to: 1° 15.142'N, 103° 39.076'E

## Chart 4038 [ previous update 5457/19 ] WGS84 DATUM

Move	 <i>Fl.R.4s F2-DDJV-3</i>	from: 1° 15.44'N, 103° 38.71'E to: 1° 15.44'N, 103° 38.87'E
	 <i>Fl(2)R.5s F2-DDJV-3A</i>	from: 1° 15.04'N, 103° 38.83'E to: 1° 15.14'N, 103° 39.08'E
	 <i>Fl(3)R.15s F2-DDJV-4</i>	from: 1° 14.18'N, 103° 39.20'E to: 1° 14.61'N, 103° 39.29'E
	 <i>Fl.R.2s Temasek</i>	from: 1° 13.71'N, 103° 39.37'E to: 1° 13.80'N, 103° 39.62'E

## Chart 4040 [ previous update 5457/19 ] WGS84 DATUM

Move	 <i>Fl.R.4s F2-DDJV-3</i>	from: 1° 15.44'N, 103° 38.71'E to: 1° 15.44'N, 103° 38.87'E
	 <i>Fl(2)R.5s F2-DDJV-3A</i>	from: 1° 15.04'N, 103° 38.83'E to: 1° 15.14'N, 103° 39.08'E
	 <i>Fl(3)R.15s F2-DDJV-4</i>	from: 1° 14.18'N, 103° 39.20'E to: 1° 14.61'N, 103° 39.29'E
	 <i>Fl.R.2s Temasek</i>	from: 1° 13.71'N, 103° 39.37'E to: 1° 13.80'N, 103° 39.62'E

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Update to Admiralty Notices to Mariners No. 48 of 2019 dated 28<sup>th</sup> November 2019

## **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 : (65) 6325 2027  
Fax : (65) 6226 1076  
Email : [hydrographic@mpa.gov.sg](mailto:hydrographic@mpa.gov.sg)

### **Sender's Contact Details** :

Date : .....

Name of Vessel : .....

Address of Sender : .....

Tel : ..... Fax : .....

Email : .....

### **Nature of Observation** :

General Location : .....

Subject : .....

Position : Lat. .... Long. ....

Charts Used : .....

Date & Time of Observation : .....

Details : .....

.....

.....

Attachment : .....

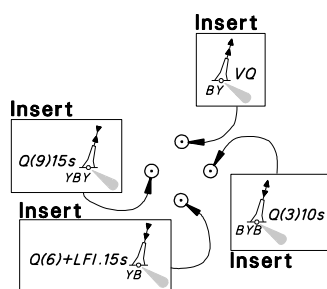
### **Equipment Used** :

Type of Position Fixing : ..... GPS / DGPS ..... Others : .....

Type of Echo Sounder : .....

Name and Signature : .....

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



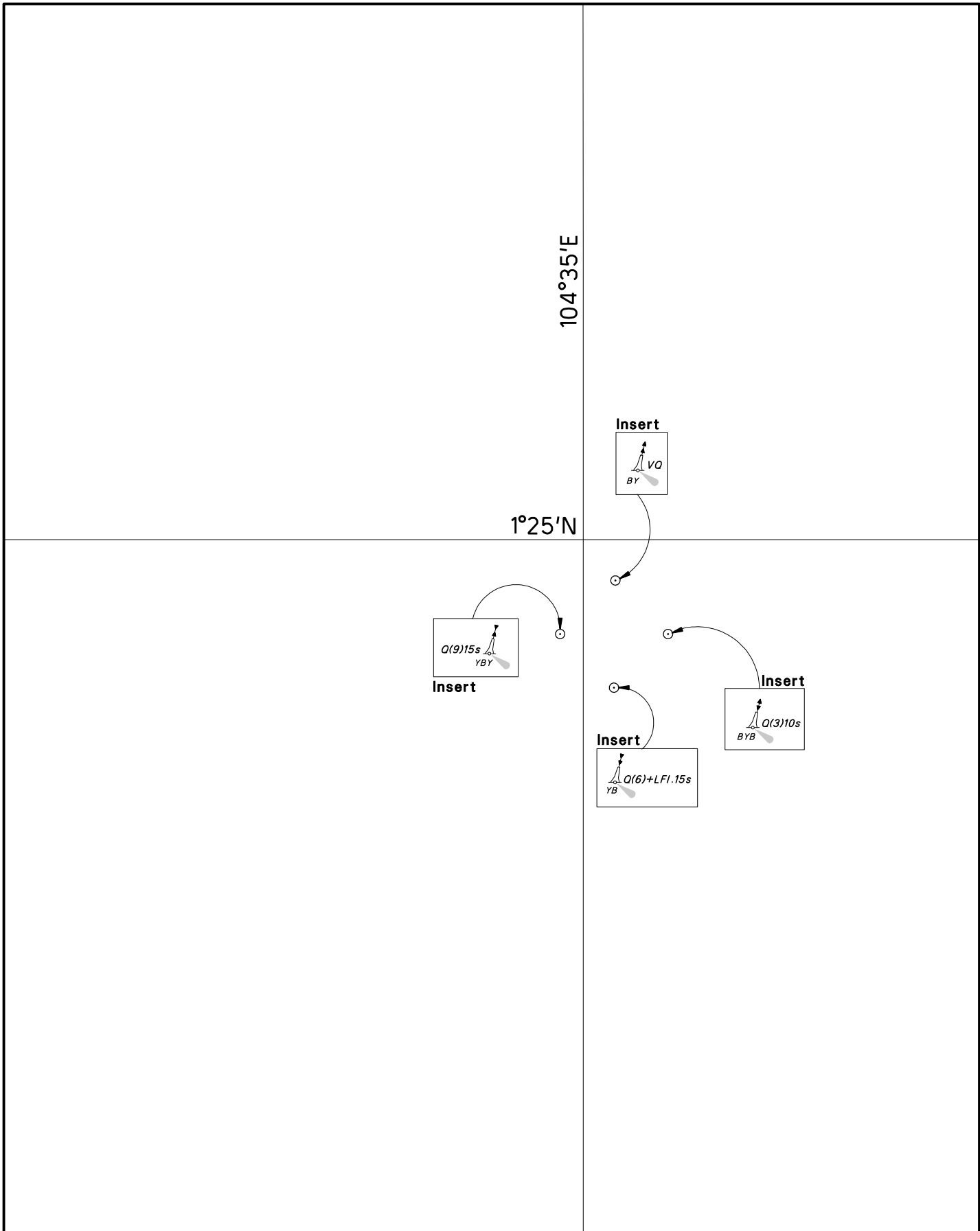
104°40'E

1°20'N

CORRECTION NO.	SNM EDN NO.	LAST CORRNO NO.	CHART NO.	Location on Chart		
113/2019	12/2019	86/2019	202			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 O.	CHART NO.	Location on Chart		
						X
113/2019	12/2019	71/2019	503			

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