



SINGAPOREAN NOTICES TO MARINERS

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The supplementary Singaporean Notices to Mariners contains corrective information affecting charts published by the Hydrographic Division, Maritime and Port Authority of Singapore. The information contained in these Notices should be updated on the charts affected.

The supplementary Singaporean Notices to Mariners can be accessed directly from the MPA website:
<http://www.mpa.gov.sg/web/portal/home/port-of-singapore/circulars-and-notices/singapore-notices-to-mariners-ntm>

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II

TEMPORARY AND PRELIMINARY NOTICES

(NM 73T/2019) : **JOINT HYDROGRAPHIC SURVEY IN STRAITS OF MALACCA AND SINGAPORE**

Purpose : Hydrographic survey will be carried out in the Straits, in order to improve safe navigation and smooth uninterrupted passage in the Traffic Separation Scheme (TSS) of the Straits of Malacca and Singapore (STRAITREP Sector 6 to 9)

Overall Survey : Period : From 25th June to 5th September 2019, Daylight hours only

Survey vessel : SSE MAZU (YDB3013)

Operation : This hydrographic survey will be carried out by means of multi-beam echo sounder with line spacing of around 100m at 5 to 8 knots within the TSS, and no towing-vehicle will be towed behind.
This hydrographic survey will be implemented with reciprocal operation, even in eastward course or westward course in the TSS.

Survey areas : The survey in the Straits will be conducted in stages according to the survey planned period listed below at the Traffic Separation Scheme bounded by the following coordinates:

1.

	Coordinate of Survey area A-28	Latitude (N)	Longitude (E)	Planned Survey Period
A-28	A	1° 15' 4.600"	103° 22' 19.073"	25 th June 2019 to 26 th June 2019
	B	1° 14' 59.171"	103° 22' 46.061"	
	C	1° 12' 46.265"	103° 26' 53.392"	
	D	1° 13' 47.592"	103° 23' 53.704"	
	E	1° 15' 4.600"	103° 22' 19.073"	

	Coordinate of Survey area A-32	Latitude (N)	Longitude (E)	Planned Survey Period
A-32	A	1° 17' 1.179"	103° 23' 24.541"	26 th June 2019 to 28 th June 2019
	B	1° 15' 11.820"	103° 25' 11.955"	
	C	1° 14' 10.853"	103° 24' 15.310"	
	D	1° 14' 58.851"	103° 22' 56.305"	

	Coordinate of Survey area A-30	Latitude (N)	Longitude (E)	Planned Survey Period
A-30	A	1° 15' 11.820"	103° 25' 11.955"	28 th June 2019 to 12 th July 2019
	B	1° 12' 59.324"	103° 34' 40.629"	
	C	1° 11' 51.710"	103° 34' 19.161"	
	D	1° 11' 41.399"	103° 33' 57.222"	
	E	1° 12' 46.265"	103° 26' 53.392"	
	F	1° 14' 10.853"	103° 24' 15.310"	

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	Coordinate of Survey area A-31	Latitude (N)	Longitude (E)	Planned
A-31	A	1° 12' 46.265"	103° 26' 53.392"	13 th July 2019 to 26 th July 2019
	B	1° 11' 41.399"	103° 33' 57.222"	
	C	1° 11' 51.710"	103° 34' 19.161"	
	D	1° 11' 50.964"	103° 34' 36.484"	
	E	1° 11' 42.653"	103° 35' 13.309"	
	F	1° 11' 28.113"	103° 37' 51.344"	
	G	1° 10' 20.793"	103° 39' 44.708"	
	H	1° 10' 20.917"	103° 34' 47.846"	
	I	1° 10' 18.027"	103° 29' 34.044"	
	J	1° 11' 40.026"	103° 28' 5.415"	
	K	1° 12' 11.536"	103° 28' 23.913"	

	Coordinate of Survey area A-42	Latitude (N)	Longitude (E)	Planned Survey Period
A-42	A	1° 17' 22.057"	104° 7' 39.615"	26 th July 2019 to 14 th August 2019
	B	1° 19' 23.893"	104° 19' 23.404"	
	C	1° 20' 2.219"	104° 20' 7.118"	
	D	1° 19' 2.566"	104° 20' 46.068"	
	E	1° 18' 0.067"	104° 19' 36.062"	
	F	1° 17' 19.110"	104° 14' 53.670"	
	G	1° 17' 6.318"	104° 14' 54.054"	
	H	1° 16' 3.468"	104° 8' 35.219"	

	Coordinate of Survey area A-43	Latitude (N)	Longitude (E)	Planned Survey Period
A-43	A	1° 17' 36.038"	104° 18' 24.902"	5 th August 2019
	B	1° 17' 46.726"	104° 19' 39.991"	
	C	1° 17' 30.409"	104° 19' 40.939"	
	D	1° 17' 20.851"	104° 18' 25.058"	

- Charts affected: Singaporean GSP1/SP1, 201, 202, 500, 501, BA 4030, BA 4031, BA 4036, BA 4038, BA 4039, BA 4040, BA 4041 and BA 4042.
- ENCs affected: SG5C4030, SG5C4031, SG5C4036, SG5C4039, SG5C4041, SG5C4043, MS3IK2EB, MS4IK2RL, MS4BR2JS and MS3IK2EB.
- Mariners are advised to navigate with caution and give a wide berth.
- Navigational warning broadcast will be promulgated by the relevant VTS Authorities by VHF and NAVTEX. Mariners are to maintain a listening watch.

Note: Former notice 53T/2019 has been cancelled

Source: Aero Asahi Corporation, Japan (SCOPE OF WORKS FOR PHASE 2 OF THE JOINT HYDROGRAPHIC SURVEY OF THE STRAITS OF MALACCA AND SINGAPORE (THE "JOINT HYDROGRAPHIC SURVEY")).

II

TEMPORARY AND PRELIMINARY NOTICES

(NM 74T/2019)

SINGAPORE STRAIT - SALVAGE OPERATIONS FOR SUNKEN VESSEL 'THORCO CLOUD' AT SECTOR 8, EAST BOUND LANE OF THE TRAFFIC SEPARATION SCHEME

- Purpose** : A Temporary Exclusion Zone for salvage operations on the sunken vessel 'Thorco Cloud' will be established in the Precautionary Area of the Singapore Strait (off St. John's Island/Pulau Sambu); and in the east-bound traffic lane of the Singapore Strait (off Changi/Pulau Batam) Traffic Separation Scheme (STRAITREP Sector 8).
- Work vessel** : **'HONG BANG 6'**
- Call Sign** : **3FFP8**
- Planned date of operation** : With effect from 18th June 2019 to 20th August 2019. 24 hours daily.

1. The 400m-wide Temporary Exclusion Zone will be marked by the following buoys:

2.

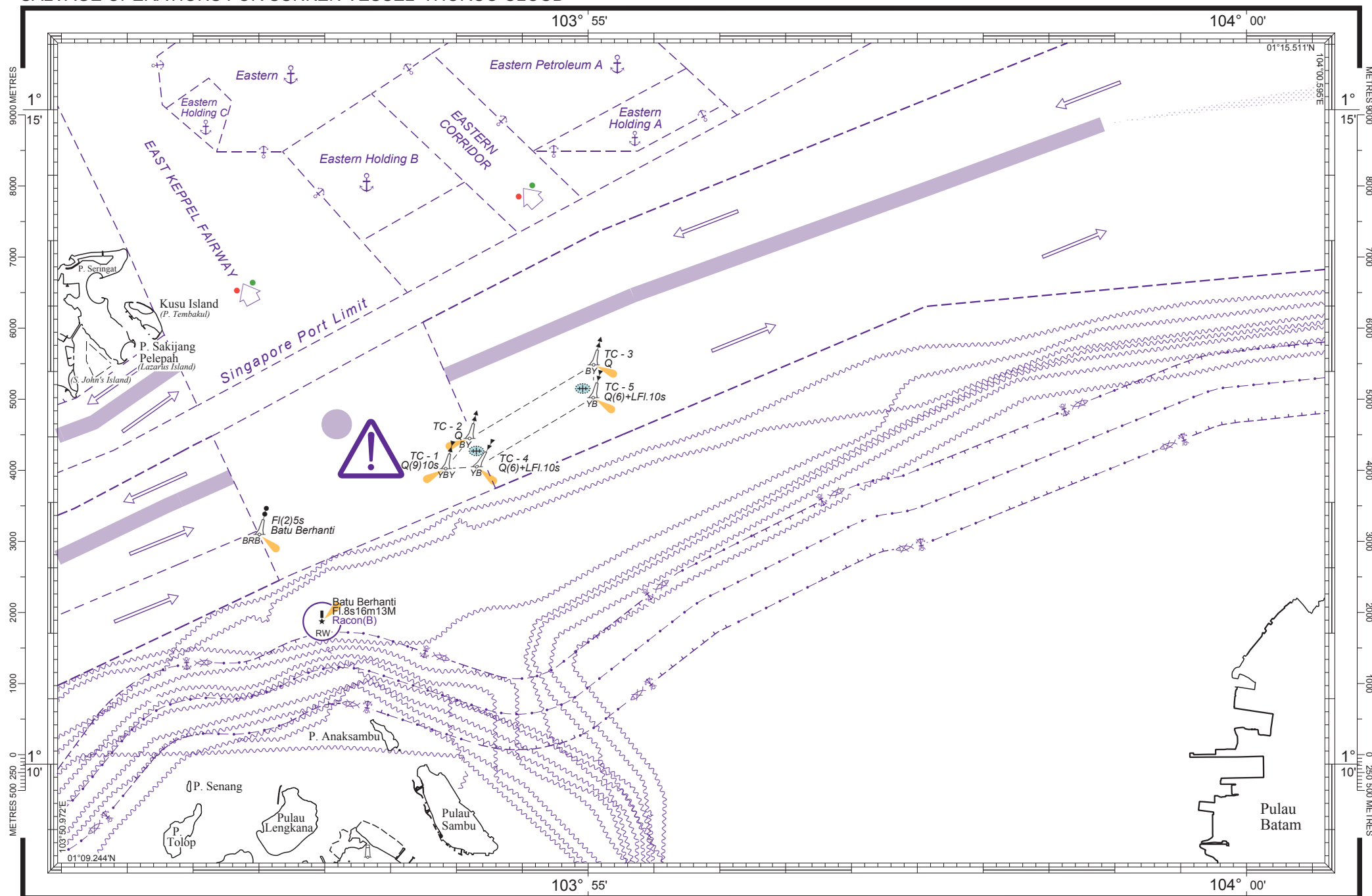
Buoy	Type	Light Characteristic	Latitude (N)	Longitude (E)
TC - 1	West Cardinal	Q(9)10s	1°12'258'	103°53'919'
TC - 2	North Cardinal	Q	1°12'488'	103°54'100'
TC - 3	North Cardinal	Q	1°13'051'	103°55'042'
TC - 4	South Cardinal	Q(6) + LFl.10s	1°12'270'	103°54'156'
TC - 5	South Cardinal	Q(6) + LFl.10s	1°12'801'	103°55'040'

3. Charts affected : Singaporean SP1/GSP1, 202, 501, 502 and BA 4037, BA 4041.
4. Mariners are advised to navigate with caution and give a wide berth.
5. Navigational warning broadcast will be promulgated by Singapore VTIS on VHF CH 09 and NAVTEX. Mariners are to maintain a listening watch.

Source : Solis Marine Consultants Pte Ltd

SALVAGE OPERATIONS FOR SUNKEN VESSEL 'THORCO CLOUD'

WGS84



Prepared by Hydrographic Division Maritime and Port Authority of Singapore 14 Jun 2019