



MARITIME AND PORT AUTHORITY OF SINGAPORE

PORT MARINE NOTICE
NO 063 OF 2023

12 Jul 2023

Shipping Community
Harbour Craft Community
Pleasure Craft Community

UNDERWATER WORKS SOUTH OF PULAU BUKOM KECHIL AND AT SHELL SINGLE BUOY MOORING

Applicable to: Mariners operating in the vicinity of Pulau Bukom Kechil
--

Date : With effect from 12 Jul 2023 to 11 Jan 2024.

Location : At Shell Single Buoy Mooring, within the working area bounded by the following co-ordinates (see attached chartlet):

Shell Single Buoy Mooring (WGS 84 Datum)

<u>Point</u>	<u>Latitude (N)</u>	<u>Longitude (E)</u>
1	01°11.688'	103°47.156'
2	01°11.688'	103°47.698'
3	01°11.249'	103°47.698'
4	01°11.249'	103°47.156'

At south of Pulau Bukom Kechil, within the working areas bounded by the following co-ordinates (see attached chartlet):

Working Area A (WGS 84 Datum)

<u>Point</u>	<u>Latitude (N)</u>	<u>Longitude (E)</u>
1	01° 13.417'	103° 45.668'
2	01° 13.506'	103° 45.735'
3	01° 13.452'	103° 46.137'
4	01° 13.322'	103° 46.431'
5	01° 13.192'	103° 46.569'
20	01° 13.165'	103° 46.614'
19	01° 13.165'	103° 45.970'

Working Area B (WGS 84 Datum)

<u>Point</u>	<u>Latitude (N)</u>	<u>Longitude (E)</u>
--------------	---------------------	----------------------

20	01° 13.165'	103° 46.614'
18	01° 13.029'	103° 46.842'
17	01° 13.029'	103° 46.132'
19	01° 13.165'	103° 45.970'

Working Area C (WGS 84 Datum)

<u>Point</u>	<u>Latitude (N)</u>	<u>Longitude (E)</u>
18	01° 13.029'	103° 46.842'
16	01° 12.894'	103° 47.070'
15	01° 12.894'	103° 46.295'
17	01° 13.029'	103° 46.132'

Working Area D (WGS 84 Datum)

<u>Point</u>	<u>Latitude (N)</u>	<u>Longitude (E)</u>
16	01° 12.894'	103° 47.070'
6	01° 12.875'	103° 47.100'
7	01° 12.756'	103° 47.271'
8	01° 12.635'	103° 47.380'
9	01° 12.313'	103° 47.021'
10	01° 12.470'	103° 46.921'
11	01° 12.580'	103° 46.901'
12	01° 12.686'	103° 46.807'
13	01° 12.688'	103° 46.607'
14	01° 12.746'	103° 46.472'
15	01° 12.894'	103° 46.295'

Month	Jul		Aug		Sept		Oct		Nov		Dec		Jan	
Day	1-15	16-31	1-15	16-31	1-15	16-30	1-15	16-31	1-15	16-30	1-15	16-31	1-15	16-31
Sector A														
Sector B														
Sector C														
Sector D														

	Sector closed = works ongoing
	Sector open = sail through possible

Figure 1

Figure 1 shows a tentative schedule of the works at various areas to allow safe transit of vessels south of Pulau Bukom Kechil during the duration of the works.

Working Hours : 24 hours daily, including Saturdays, Sundays and Public Holidays.

<u>Craft</u>	<u>Name</u>	<u>Harbour Craft Licence No.</u>	<u>Description</u>
	BREUGHEL	THCPMP	Dredger
	SEAHORSE	THCPMP	Pipe Burying Vessel
	PENGUIN SEBAROK	SP 1110J	Ferry Boat/ Safety Boat
	PENGUIN GONZALES	SP 1047C	Ferry Boat/ Safety Boat
	PENGUIN CEPAT	SP 1445B	Passenger Launch
	PENGUIN KILAT	SP 1446J	Passenger launch
	TEKONG 1	SC 4444C	Supply Boat

TEKONG 2	SC 5555J	Supply Boat
BOLIVIAN DOLPHIN	ST 1579Z	Tug Boat
ORINOCO DOLPHIN	ST 1567F	Tug Boat
PENGUIN SETIA	ST 1596Z	Tug Boat
PENGUIN TEGAS	ST 1609E	Tug Boat
KST PASSION	ST 1479C	Tug Boat
MISS BEE	THCPMP	Tug Boat
CARIBBEAN BAY 2503	SC 4591A	Work Barge
CARDIGAN BAY 2507	SC 4715I	Work Barge
BOULEVARD BAY 2508	SC 4749C	Work Barge
DORCHESTER BAY 2509	SC 4765E	Work Barge
KHB 2511	SC 4963A	Work Barge
KHB 2515	SC 4974G	Work Barge
HARBOUR BAY 2305	SC 4546F	Work Barge
SHORE BAY 2303	SC 4532F	Work Barge
LINTAS LAUTAN 251	SC 4659D	Work Barge
MISS PENNIE	THCPMP	Work Barge
DHI EXPLORER II	SR 2638G	Work Boat
DHI EXPLORER IV	SR 2805C	Work Boat
ENG HUP MARIN	SR 4066E	Work Boat
UNIDIVE 11	SR 3199B	Work Boat

These craft will exhibit the appropriate local and international day and night signals.

Details : The works involve maintenance of the mooring buoy and dredging, pipelaying, backfilling and recovery of old pipelines.

Safety boats will be deployed to warn other craft in the vicinity of the working areas.

A north cardinal mark buoy (North SMK) has been erected North of Terumba Samakau and will be in place during the project duration.

Further enquires relating to the project can be directed to Mr Tan Chin Hong, Project Manager (Tel: 8661-7939, email: c-h.tan@shell.com) or Mr. Abhay Kumar, HSSE Lead (Tel: 8255-9430, email: Abhay.Kumar3@shell.com).

Caution : **When in the vicinity of the working area, mariners are reminded to:**

- a) Keep well clear and not to enter the working areas;**
- b) Maintain a proper lookout;**
- c) Proceed at a safe speed and navigate with caution;**
- d) Maintain a listening watch on VHF Channel 68 (West Control); and**
- e) Communicate with West Control for assistance, if required.**

Please call Tan Hwee Lin at Tel: 6325 2761 or the Marine Safety Control Centre (MSCC) Duty Officer at 6325 2488 for clarification on this Port Marine Notice.

CAPT CHONG JIA CHYUAN
PORT MASTER
MARITIME AND PORT AUTHORITY OF SINGAPORE

WGS84

SCALE 1 : 20 000



