

# Portable operation within SLA / NParks / LTA / IMDA rules



Jozef Stefik  
OM6TC 9V1OM  
Bukit Timah Summit  
July 2023

Roland Turner 9V1RT  
SARTS 2023-09-08

# Why?

1. Operation with clear legal authority is:
  - more fun (no looking over your shoulder)
  - less constrained
  - unlikely to involve
    - lengthy discussions with police officers
    - police custody
    - being ejected mid-operation

# Why?

2. It's in our interests to:

- be **more visible**, not less!
- not cause IMDA to receive “please explains”

# Objective

Getting authorisation for portable operation should be as easy as getting authorising for a birthday party in a void deck or function room.

(or easier!)



# What?

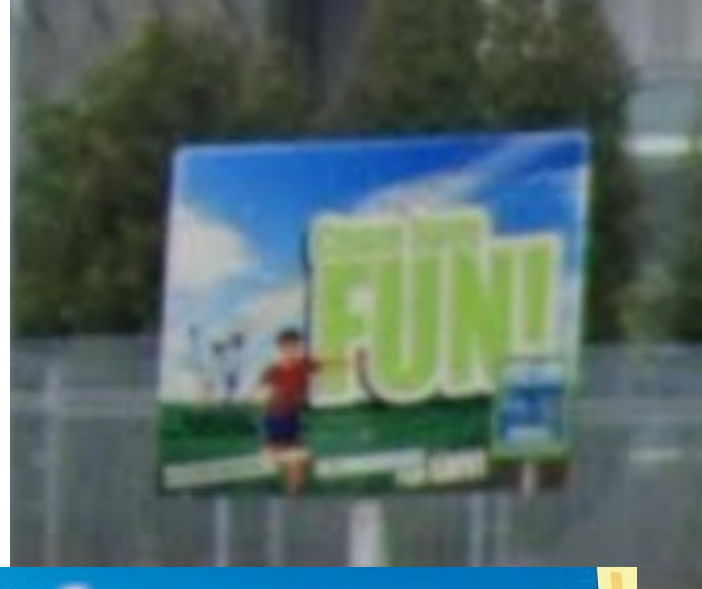
- Ongoing work
- Snapshot only, not a complete guide

# Examples

- 9V1RT on various fields (SLA)
- IOTA on Ubin (NParks)
- IOTA on Hantu (SLA)
- 9V1OM on Bukit Timah Summit (NParks)
- IOTA on Lazarus (SLA)

# SLA

- Hundreds of "Community Use" sites
  - Free for "non-exclusive" community use
  - TOL for exclusive use (costly)
- Hundreds more
  - Empty lots
  - Several islands
  - Land within HDB estates (since March) (all?)
  - Sometimes requires a TOL, but typically free











Community Use Sites



## Community Use Sites

Nearby Themes - Sports, Fitness and Recreation -  
Community Use Sites



Polling Station Locator



Community



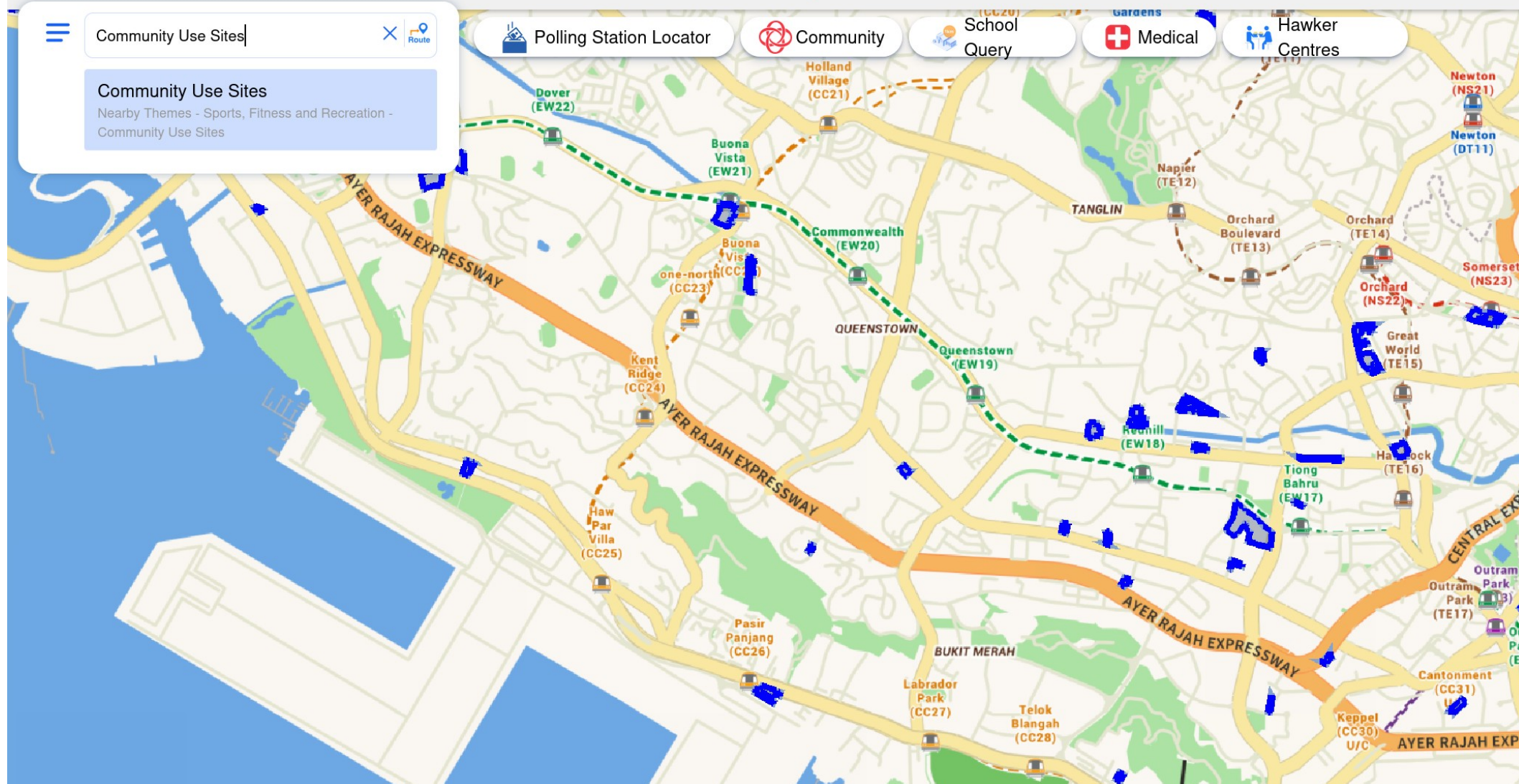
School  
Query



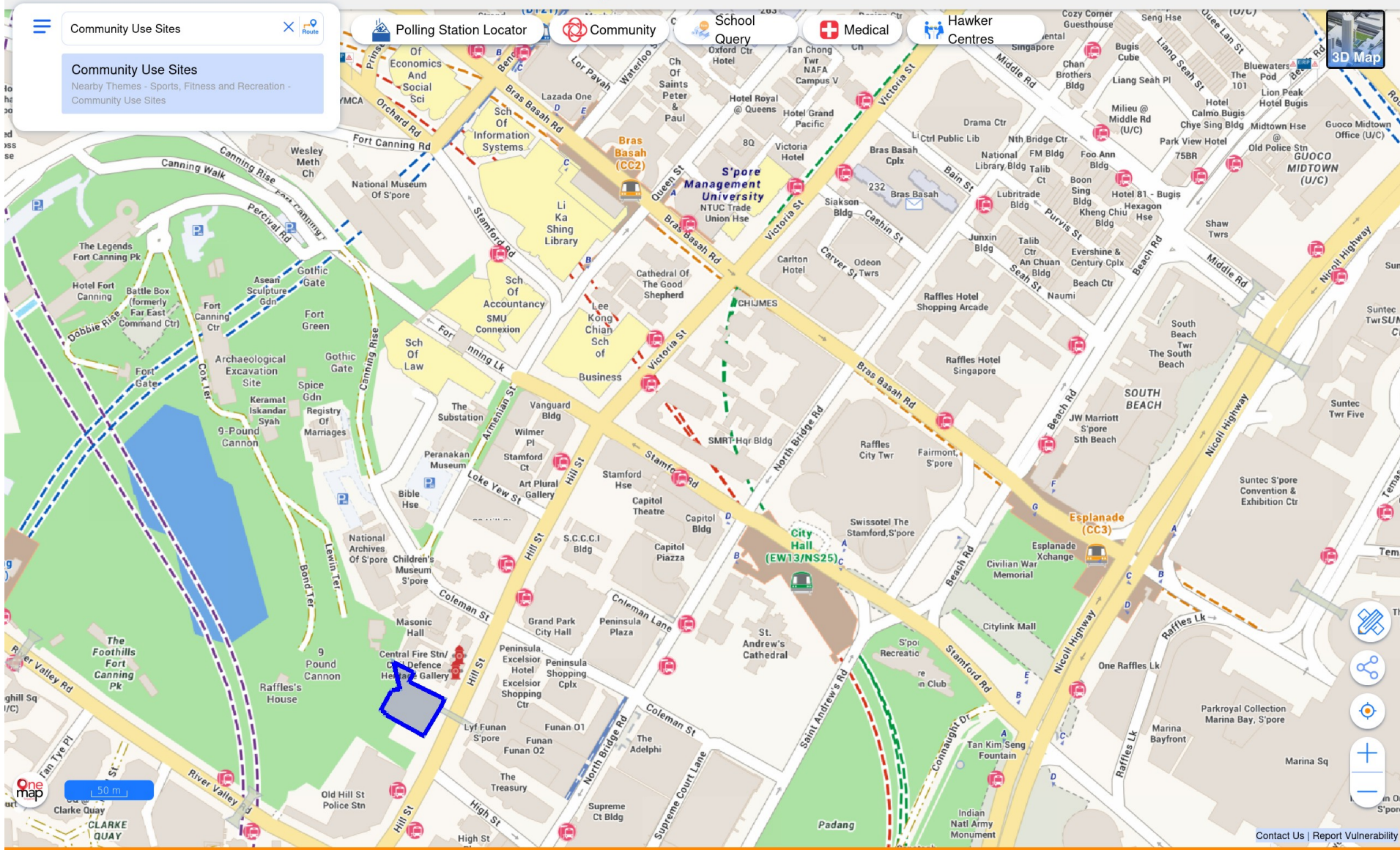
Medical



Hawker  
Centres







Community Use Sites

Community Use Sites

Nearby Themes - Sports, Fitness and Recreation -  
Community Use Sites

Polling Station Locator

Community

School Query

Medical

Hawker Centres



50 m



Raffles House



102 Hill St

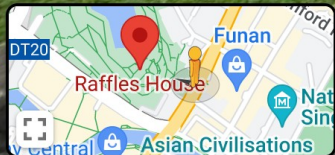
Singapore



Google Street View

Dec 2022

[See more dates](#)



Google





Community Use Sites



Polling Station Locator



Community



School Query



Medical



Hawker Centres





hackerspacesg



95 Kallang Ave

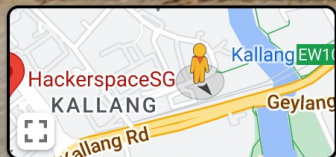
Singapore



Google Street View

Apr 2022

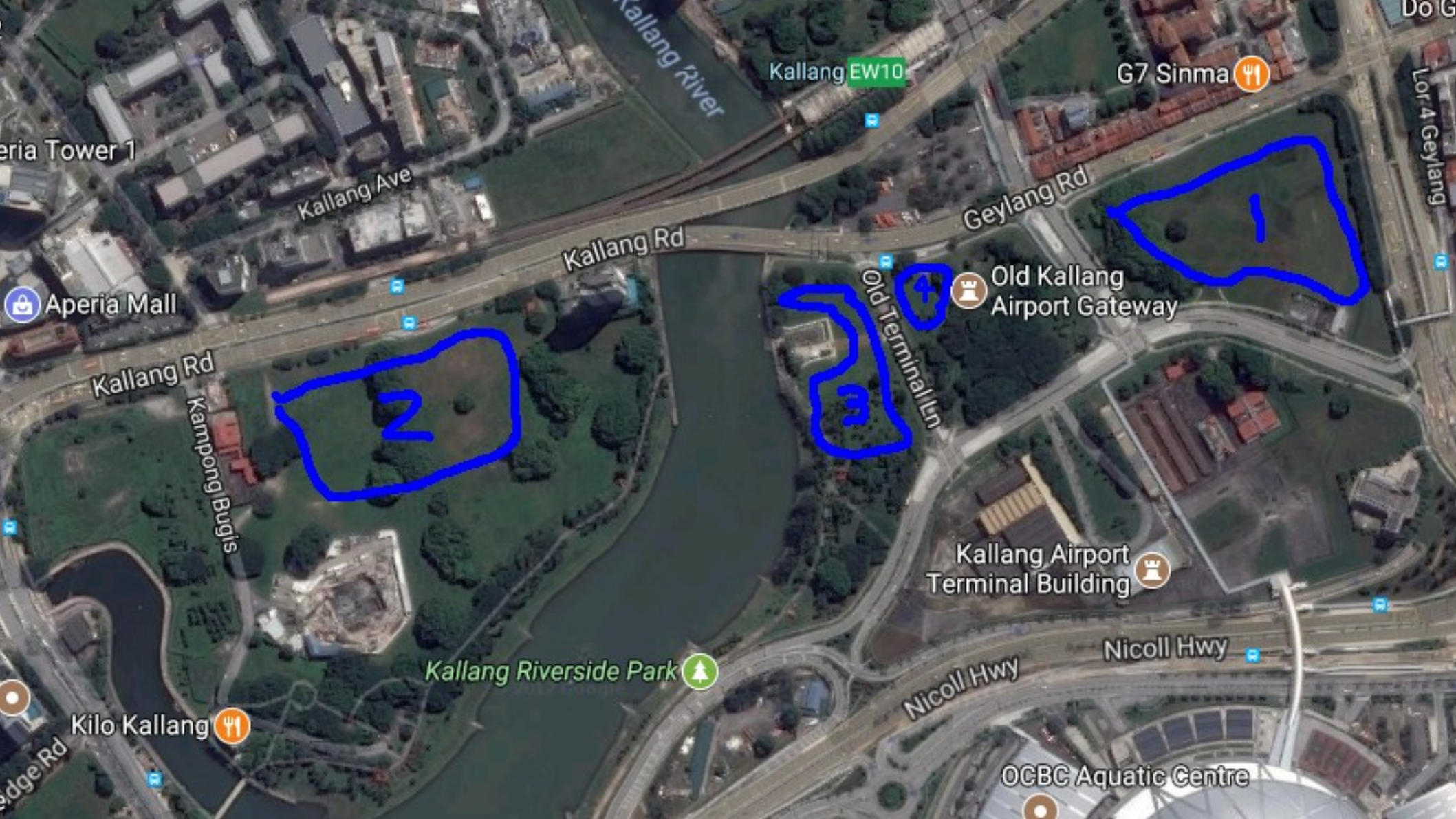
[See more dates](#)



Google







Kallang EW10

G7 Sinma

eria Tower 1

Kallang Ave

Kallang Rd

Geylang Rd

Aperia Mall

Old Kallang Airport Gateway

Old Terminal Ln

Kallang Rd

Kampung Bugis

Kallang Riverside Park

Kallang Airport Terminal Building

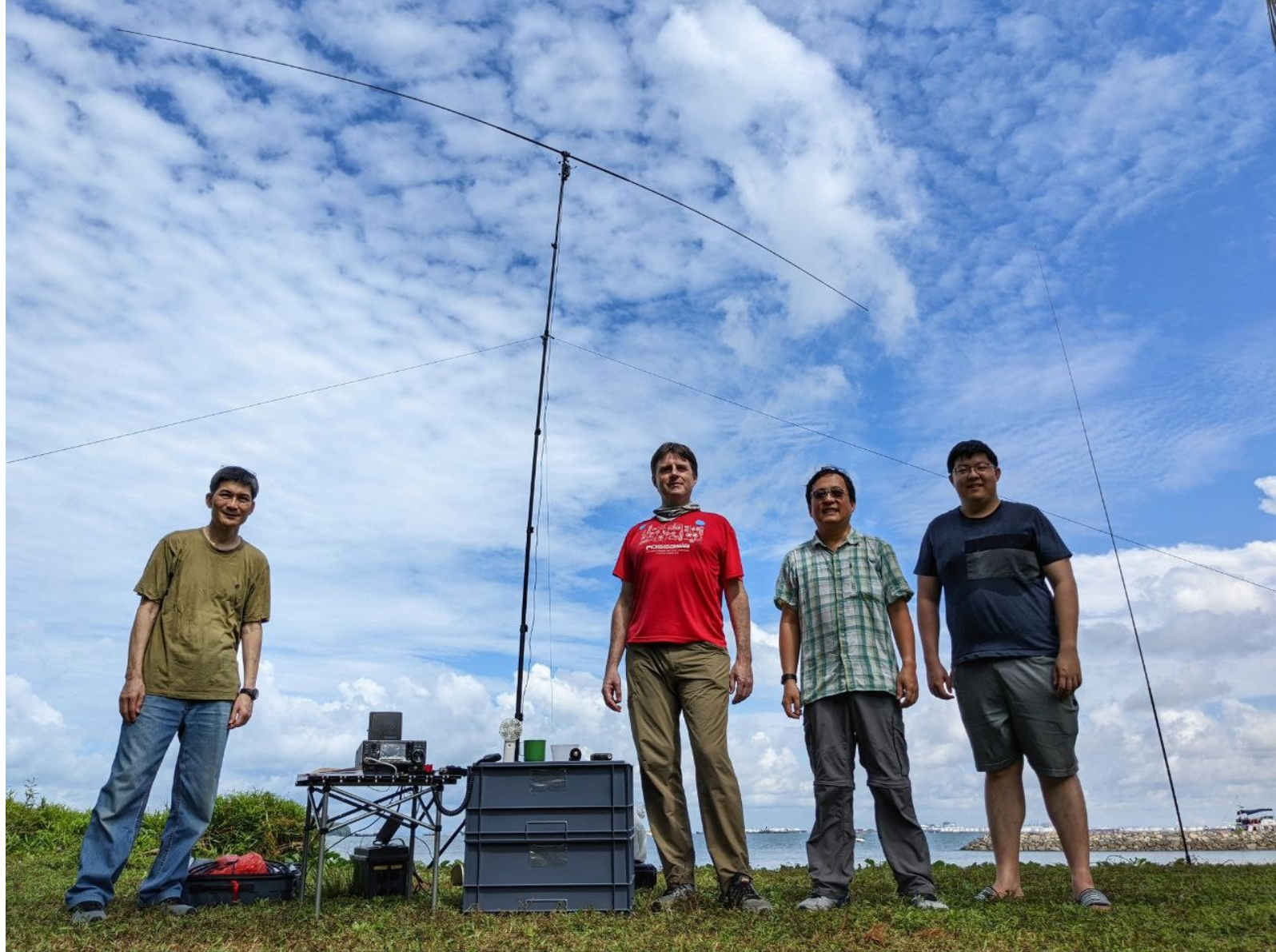
Nicoll Hwy

Nicoll Hwy

Kilo Kallang

OCBC Aquatic Centre









# SLA

- OK with smaller antennas (VHF yagis on rotator) on Community Use sites
- For larger antennas (squid poles etc.)
  - Likely to prefer other sites.
  - May have additional reservations that we can't guess in advance.
  - Propose several sites when you ask.
- Campsites
  - TOLs costly
  - “Antennas will be next to our tents so the use of land is for camping activities. No exclusive use of land.”

# NParks

- Parks and Trees Act
  - 2 national parks: Singapore Botanic Gardens, Fort Canning Park
  - 4 Nature reserves: Central Catchment Nature Reserve, Bukit Timah Nature Reserve, Labrador Nature Reserve, Sungei Buloh Wetland Reserve
  - 1 Marine park
- But dozens of other “parks”
- PCN
- Some roadsides

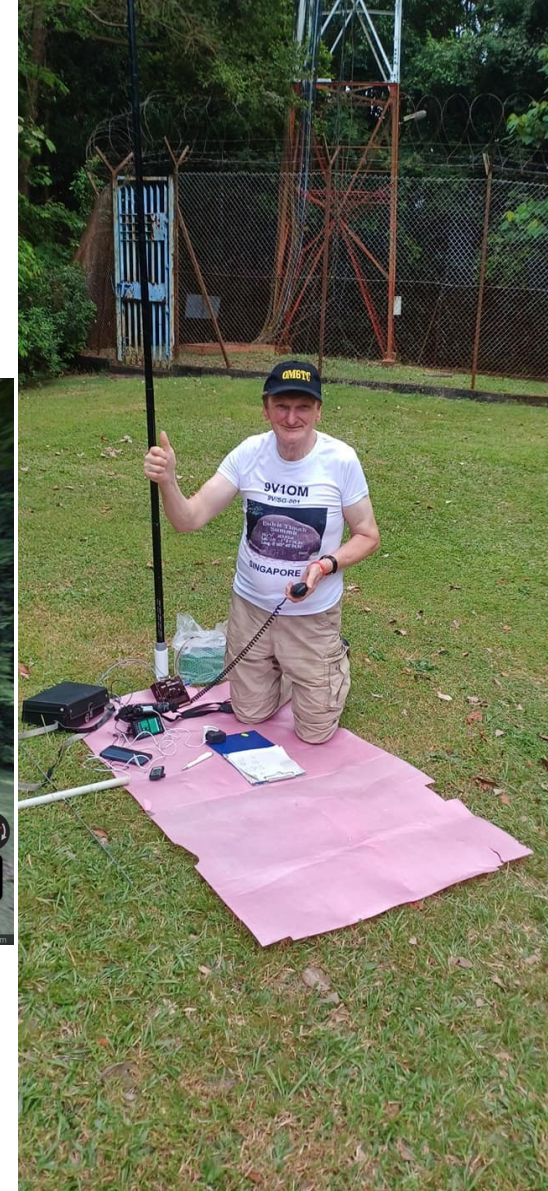


# Pulau Ubin Maman Campsite





# Bukit Timah Summit





SLOVAKIA 90101  ATTN: JOZEF STEFIK (OTHERS)	Date	14-JUN-2023
	Client ID & Application No	120362/1
	Licence No	AM114281
	Licence Fee	PAID
	Expiry Date	14-JUL-2023

Licence is hereby granted to the above -mentioned (hereinafter, the "Licensee") under section 5(1) of the Telecommunications Act 1999 (the "Act") and regulation 25 of the Telecommunications (Radio -communication) Regulations (the "Regulations"), to establish, install and operate the radio -communication stations (the "Stations") described below in accordance with the conditions stipulated in the First Schedule overleaf for period ending on the expiry date shown above.

for Director-General (Telecoms & Post)

Info-communications Media Development Authority

**This is a computer printed licence.**

**No signature is required.**

#### Description of the Stations

LICENSEE'S NRIC/PASSPORT NO. :  
 LOCATION OF STATION : BUKIT TIMAH HILL  
 OPERATOR CERTIFICATE : AMATEUR STATION CLASS A INT LIC (GEN)  
 STATION CALLSIGN : 9VOM  
 TRANSMITTER MANUFACTURER : HF, VHF, UHF Yaesu  
  
 TRANSMITTER MODEL NO. : FT 817 PWR 5 W max  
 TRANSMITTER SERIAL NO. :  
 TRANSMITTER OUTPUT POWER :  
  
 RECEIVER MANUFACTURER : HF, VHF, UHF Yaesu  
  
 RECEIVER MODEL NO. : FT 817 PWR 5 W max  
 RECEIVER SERIAL NO. :  
 LOW PASS FILTER :  
 ANTENNA CHARACTERISTICS : Long Wire 26 Metres  
 OTHER RADIO EQUIPMENT :  
 CLASS OF EMISSION & AUTHORISED : Please see booklet "How to become a radio amateur in  
 FREQUENCY : Singapore".

# Bukit Timah Summit

- Not on weekends
  - (N.B. park closed 19:00-07:00 daily)
- We suspect: greatly simplified by his being able to present an IMDA license issued **before** we had NParks consent.
  - This is valuable!
  - **Really** desirable to avoid “please explains”.

# Prohibited acts within public parks

**5.** No person shall carry out any activity within any public park which he knows or ought reasonably to know —

(a) causes or may cause alteration, damage or destruction to any property, tree or plant within the public park; or

(b) causes or may cause injury to, or the death of, any animal or any other organism within the public park.

# General acts requiring approval

**8.—**(1) No person shall, except with the approval of the Commissioner and in accordance with the terms and conditions of such approval, do any of the following in any national park, nature reserve or public park:

...

(e) hang or affix any light, bill, placard, notice or other thing on any plant, tree or structure;

# General acts requiring approval

(2) No person shall, except with the approval of the Commissioner and in accordance with the terms and conditions of such approval, carry out any of the following activities within any public park:

...

(k) erect any post, rail, fence, pole, booth, stand, stall or other structure.

# NParks

- Don't yet understand which rules apply where.
- Never a problem to ask.
  - Although sometimes slow/no reply at present.

# Road Traffic (Motor Vehicles, Construction and Use) Rules

## Height

**56.—**(1) Subject to paragraph (2), no vehicle shall exceed 4.0 metres in height.

(2) The Registrar may, subject to such terms and conditions as he may impose, permit the use of a double-decked vehicle which is more than 4.0 metres but less than 4.5 metres in height.



# Keep in mind

- I'm always happy to help
  - develop an approach
  - draft key parts of emails
- Desirable to avoid teaching any more police officers that it's illegal to operate an amateur radio station outside home.
- **Really** desirable to avoid causing “please explains” making their way to IMDA