

WEST AREA JOTA-JOTI 2024

Review

Prepared for SARTS Quarterly Meeting
29 Nov 2024



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West Area JOTA-JOTI (19 Oct 2024)



- Organised by Singapore West Area Scouts in collaboration with SARTS, hosted at School of Science and Technology (SST).
- Supported by leaders, rovers, and venture scouts from the West Area
- JOTA objectives:
 - Facilitate communication between scouts using ham radio
 - Exposure of scouts to ham radio as a tool to navigate emergencies
 - Exposure of scouts to new technologies and activities
 - Forging strong working relationship between SSA & SARTS
 - Build up pool of Radio Scouts



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SARTS Facilitated Activity 0: Information Booth

Jamboree Activity/ Duration	Description
Information Booth	Exhibition posters, equipment demo and SARTS members on hand to introduce Amateur Radio



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SARTS Facilitated Activity 1: Radio Detector

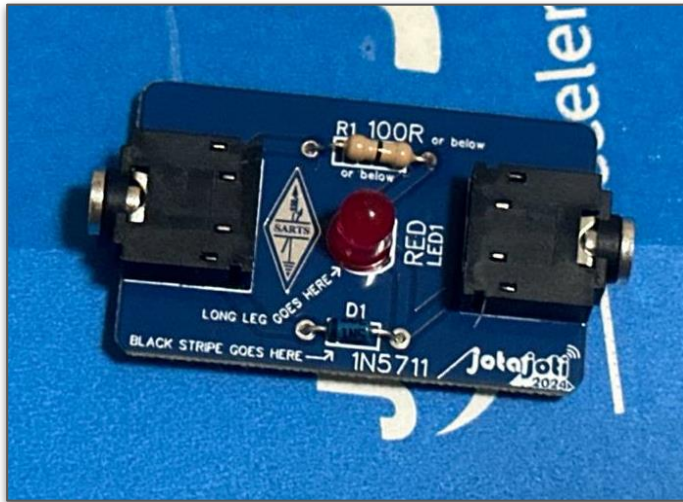
Jamboree Activity/ Duration	Description
Radio Detector (30 min)	Build your own simple radio wave detector from scratch! Learn about the science behind detecting radio signals and how it can be applied in real-world communication.



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SARTS Facilitated Activity 1: Radio Detector

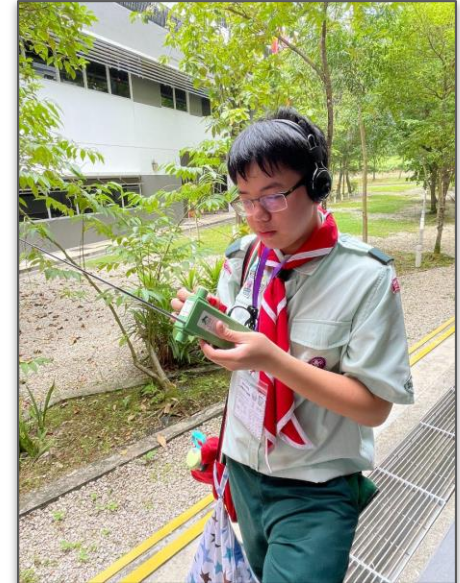


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SARTS Facilitated Activity 2: Fox Hunting

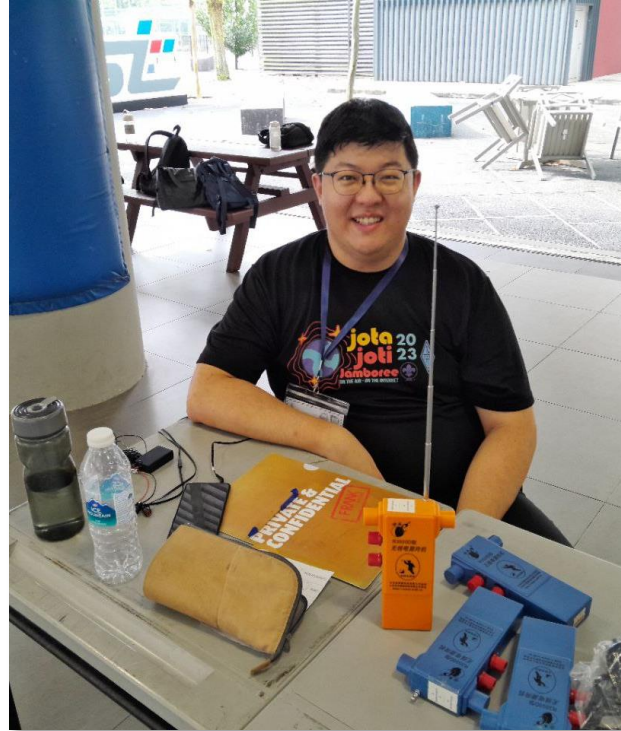
Jamboree Activity/ Duration	Description
Fox Hunting (1 hr)	Join this exciting activity where you use radio signals to track and find hidden transmitters. This is a real-life treasure hunt that hones your directional and problem-solving skills.



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SARTS Facilitated Activity 2: Fox Hunting



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SARTS Facilitated Activity 2: Fox Hunting



Anyone interested to try?



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SARTS Facilitated Activity 3: QSL Card Design

Jamboree Activity/ Duration	Description
QSL Card Design (30 min)	Create your very own QSL cards, which are used by amateur radio operators to confirm two-way communication. Unleash your creativity while learning about the importance of these cards in the radio community.



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SARTS Facilitated Activity 4: Radio Telephony

Jamboree Activity/ Duration	Description
Radio Telephony (30 min)	Experience how radiotelephony is used to communicate over long distances. Practice using call signs, radio protocols, and clear communication techniques to simulate real-life scenarios.

A – Alpha

B – Bravo

C – Charlie

D – Delta

E – Echo

F – Foxtrot

G – Golf

H – Hotel

I – India

J – Juliet

K – Kilo

L – Lima

M – Mike

N – November

O – Oscar

P – Papa

Q – Quebec

R – Romeo

S – Sierra

T – Tango

U – Uniform

V – Victor

W – Whiskey

X – X-Ray

Y – Yankee

Z – Zulu



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SARTS Facilitated Activity 6: Morse Coding

Jamboree Activity/ Duration	Description
Morse Coding (30 min)	Decode the secrets of Morse code, one of the earliest forms of long-distance communication. Master sending and receiving messages using this timeless method.



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9VISJ International Radio Contacts (1800-1900)



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9VISJ International Radio Contacts (1800-1900)



We contacted:

- Australia
- China
- East Malaysia
- Ecuador
- Estonia
- France
- India
- Indonesia
- Israel
- Japan
- New Zealand
- Oman
- Pakistan
- Russia
- South Korea
- Spain
- Thailand

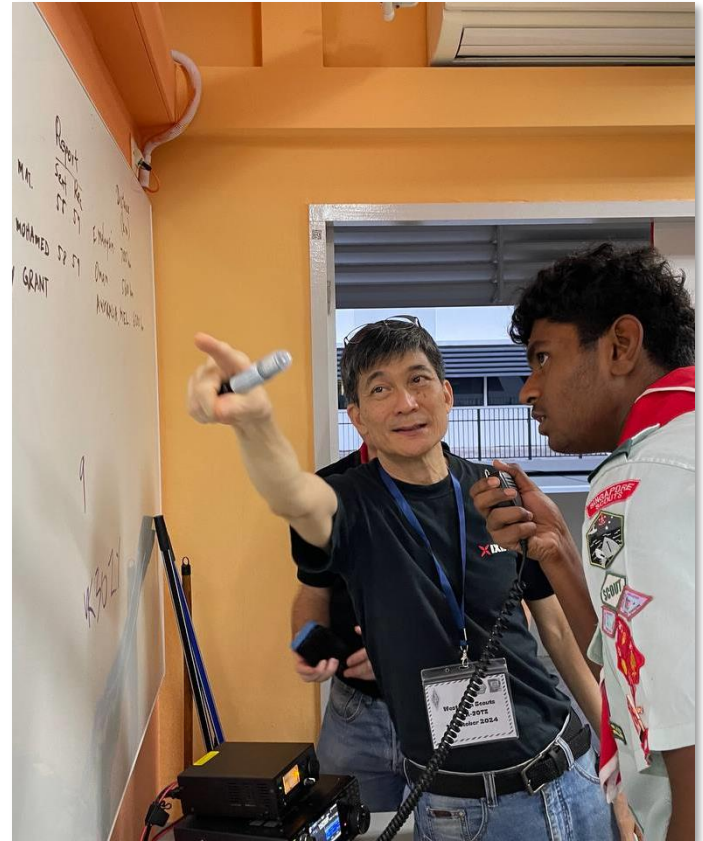


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9VISJ International Radio Contacts (1800-1900)

- 4 or 5 scouts had a go calling the world and made long distance contacts!
- Figuring out the distance to the stations brought home how amazing radio is.
- Seeing QRZ pages and pictures of the people contacted made them real
- Scouts stayed behind when they could have left early.

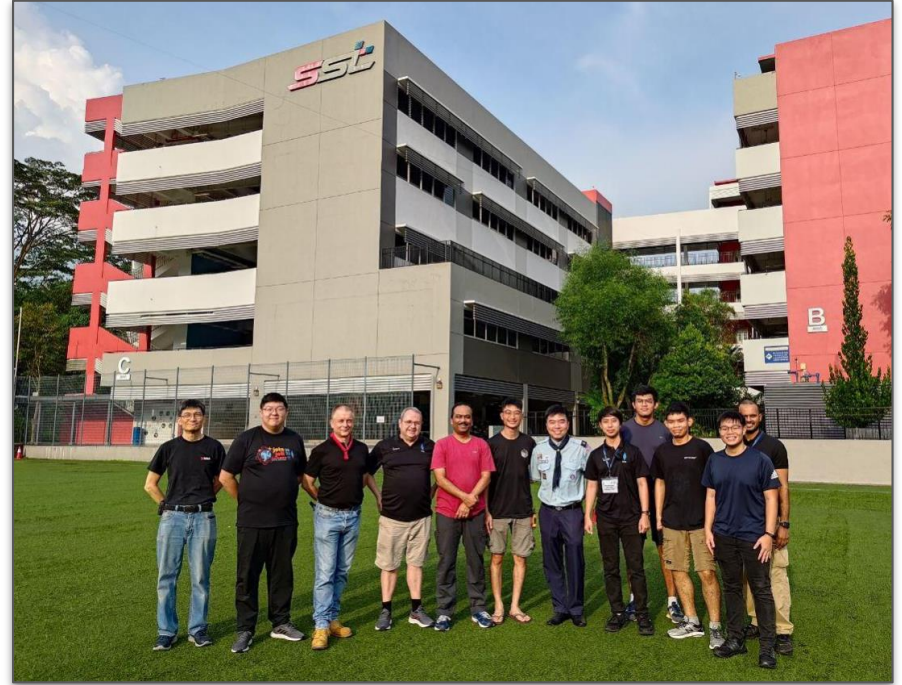


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Reflections

- First time running many activities – hiccups galore
- Manpower and time are our #1 constraint
- We are improving our JOTA-JOTI every year with more experience
- Excellent event management by Scouts
- ~150 scout participants
- Positive reactions and better mutual understanding between SSA and SARTS
- JOTA-JOTI compulsory for all scouts?



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Thank you, Joint Delivery Team: Let's do it Again!

Hugh 9V1SA

Kishore 9V1KV

Darryl 9V1DE

Oshada 9V1OR

Alex KO6GWY

Fu Hang 9V1FH

Hao Yuan 9V1HY

Johari 9V1JO

Jie Feng 9V1BD

Roland 9V1RT

Kenneth 9V1BK

Wai Phyo 9V1WP

Amon 9V1AK

James 9V1AV

John Davies 9V1VV

James Brooks 9V1YC

Tan Hoe Teck 9V1ST

Sam 9V1BX

VBAND

+ the many scout leaders

and SST staff



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