

Ottawa Transmitter Hunting Program

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Agenda

- Introductions
- What is Transmitter Hunting?
- What are the opportunities?
- What do you need to participate?
- Events we are planning
- Next Steps

Introductions

Name	Call	Initial role(s)
Chris	VE3CBK	Youth Program - Scout Leader and JOTA experience
Chris	VE2MW	Youth Program - Scout leader and Orienteering experience
Emily	VE3EMI	ARDF, Sniffer4 receiver and fiberglass yagi antenna build experience, Australia
Harrie	VE3HYS	Youth Program - Scout Leader and JOTA experience
Neil	VE3PUE	Documentation, Training Course, website
Rob	VE3RXH	Event Planning - Orienteering experience; attenuator build
Roger	VA3EGY	Program Manager, Youth Program - Christie Lake Kids Camp

What is Transmitter Hunting?

Wikipedia says...

Transmitter hunting (also known as **T-hunting**, **fox hunting**, **bunny hunting**, and **bunny chasing**), is an activity wherein participants use [radio direction finding](#) techniques to locate one or more radio [transmitters](#) hidden within a designated search area. This activity is most popular among [amateur radio](#) enthusiasts, and one organized sport variation is known as [amateur radio direction finding](#). (ARDF)

Opportunities

- **Club project(s)** - Building Equipment; kits and from scratch
- **Club events** and with other groups-fun, challenge, social, active
- **Something for everyone**; new and existing members, youth
- **Positive public exposure** of Amateur Radio in Action
- **Generate more awareness /interest in Amateur Radio (STEM)**

What you need to Participate...

A 2M HT and a Yagi Antenna

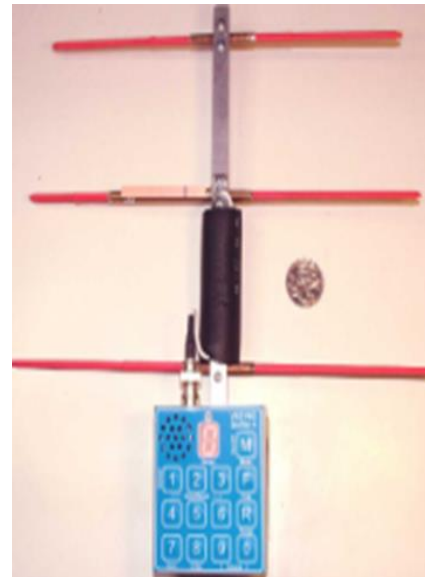
Tape Measure version

- Parts you can source at Home Depot for \$40.



Fiberglass Element version

- Club Project – Feb2020
- Smaller, rugged
- Also about \$40 to build



Ideally with an Offset Attenuator

Available as a kit or assembled from

<https://kc9on.com/product/fox-hunt-offset-attenuator/>



- As a kit (\$8 - 12USD)
- Or Assembled (\$20-30USD)



Events we are Planning

OVMRC Spring Event – Vincent Massey Park – May 2020

OARC and OVMRC Field Day – June 2020

Christie Lake Kids Summer Camp – July & August 2020

OARC Fall Event - Radio in the Park – September 2020

Scouts JOTA – October 2020

Cadets - TBD

Next Steps

- **OARC Member Survey – December 2019**

- Please complete our Transmitter-Fox Hunting Survey at:

<https://www.surveymonkey.com/r/D3HP93P>

An email will be sent to all members tomorrow with this link

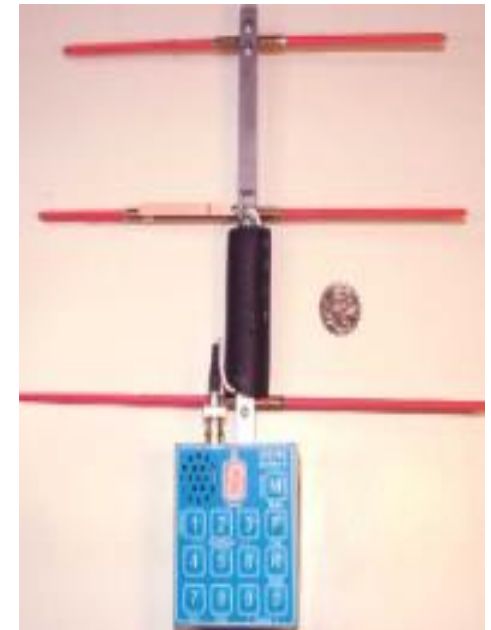
- **Club Antenna Build Project – February 2020**

- **Club Offset Attenuator Build Project – March 2020**

- **Fund Raising** to acquire 10 Sniffer4 receivers and antennas that will now be demonstrated by Emily Panter

The Integrated Sniffer MK4 Receiver

- Used extensively, worldwide for Fox Hunting and ARDF because it is robust, simple to operate and cost effective (<\$200 CDN)
- Developed by Bryan - VK3YNG (<http://www.foxhunt.com.au/>)
- A quick overview and demo



In closing...

A video from the South East Radio Group (SERG) in Australia

- SERG 50th Convention (<http://serg.org.au/>)



For more info see <https://hambone.ca/ARDF>

Questions?

