

Tour Of The County Hidden Transmitter Hunt May 5, 2018

The three transmitters will operate on 2 meter FM at a frequency of 146.565 MHz. Each transmitter will transmit for approximately 30 - 40 seconds followed by a silent interval in a three minute cycle, that is transmitters 1, 2, 3, 1, 2, 3, etc. The transmitters may be automatic or human operated. During the time there is a human operator they will identify themselves as transmitter #1, #2, or #3. During an automated transmission, transmitter #1 will use a single tone pattern, #2 a two tone pattern, and #3 a 3 tone pattern. With this scheme there should be no confusion as to which transmitter you are hearing. The transmitters will begin at 12:00 PM and will transmit until 3:00 PM or until all of the hounds have found them.

You will find a coloured pencil at each transmitter. As you find each transmitter mark an "X" in the appropriate box below and record your total distance traveled since the beginning of the hunt. Be sure to use the coloured pencil provided. The colour of the pencil will indicate you have correctly found the fox.

Scoring is determined solely by the distance you drive, speed is not a factor except that you must find the transmitters within 3 hours. You should try to take accurate bearings and select a course which will minimize your distance. If you are not sure of a direction, move slightly and take another bearing. You may hunt for the transmitters in any order and remember, time is not a factor in determining who wins so there is no need to drive too quickly. Enjoy a nice drive in the country!

When you have found your last transmitter, or start swearing with frustration, proceed to the **Wellington Public Library** where we will gather for some refreshments and swap stories and excuses.

If you have questions, become hopelessly lost etc. give a call on the Picton repeater VE3TJU, 146.730 -600 Tone 118.8. One or more of the foxes will be monitoring.

In the space provided record your team name and be sure to record your odometer reading or reset your trip odometer at the start point. As you find each transmitter you will need to record the distance you have travelled as this will be used to determine the winner.

Team _____ Starting Mileage _____

	#1	#2	#3
Distance			
Transmitter Colour Pencil			

NOTE: The post hunt gathering will be at the Wellington Public Library, 261 Main Street Wellington. Go to the meeting room in the lower level. Enter from the east side of the building.

Over ->

Transmitter Hunting

Because of the distance between the start point and the transmitters, it may not be possible to hear all 3 transmitters at the start location but at least one will be audible. However as you move around, the unheard transmitters should become audible (and others may disappear). If you are having difficulty hearing the transmitters there are a couple of things you can try:

- Stop at the crest of a hill. A few feet of elevation without local ground clutter can make a great deal of difference.
- Open the squelch on your radio and listen for quieting i.e. a reduction in the background noise.
- If all else fails, go to a high point. The highest point I am aware of is near Picton airport which is on County Rd. 22 just south of Picton. It is also more or less in the centre of the county.

I would also suggest you keep track of your position on the map. Prince Edward County has many roads that meander and go off in funny directions so it would be easy to become lost.

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