



FOX TRANSMITTER HUNT

May 28, 2016



FOX Transmitter Hunt will begin sharply at 9:00am Saturday, May 28th. Those participating should gather at the Hoschton water tower and establish teams for the hunt. For this first hunt the hunt area will be restricted to a relatively small area. I-85 on north, Hwy 53 on east, Hwy 211 on west and Covered Bridge Rd (Peachtree) on South. The fox transmitter may be located anywhere within the above defined area including the border roads.

Monitor the WX4TC repeater on 146.625, PL 127.3 Hz for any possible last minute updates related to the fox transmitter hunt.

TEAM TIPS:

1. Use a headset in order to minimize ambient noise interference.
2. Use a second HT with omni directional antenna to pick-up when the transmitter is broadcasting.
3. Sweep your directional antenna slowly; listen carefully for the Morse code being sent by the transmitter.
4. Once you pick-up the signal continue sweeping back and forth to find the direction of the strongest signal. Use a compass to establish more precise reading on direction.
5. If possible, plot the direction of the strongest signal using a map and compass.
6. Relocate to a secondary location and repeat the above steps. Once the team has plotted a second signal direction, relocate to the site where the lines cross.
7. The team may need to repeat the steps 3 – 5 at another location closer to the site plotted on the map in step 6.
8. Continue to repeat steps 3 - 6 as needed to locate the transmitter site.
9. As the team gets closer to the transmitter it becomes more difficult to determine a direction. If the team has a signal attenuator it will help. The HT signal strength meter may offer aid in determining the direction of strongest signal.
10. Good Luck.

Information:

- Fox Transmitter Frequency: 147.130 Mhz
- Signal: Morse Code
- Transmitting Interval: 2 minutes on, 1 minute off.
- Starting Point: Hoschton Water Tower
- Date/Time: May 28,2016 - 9:00am