

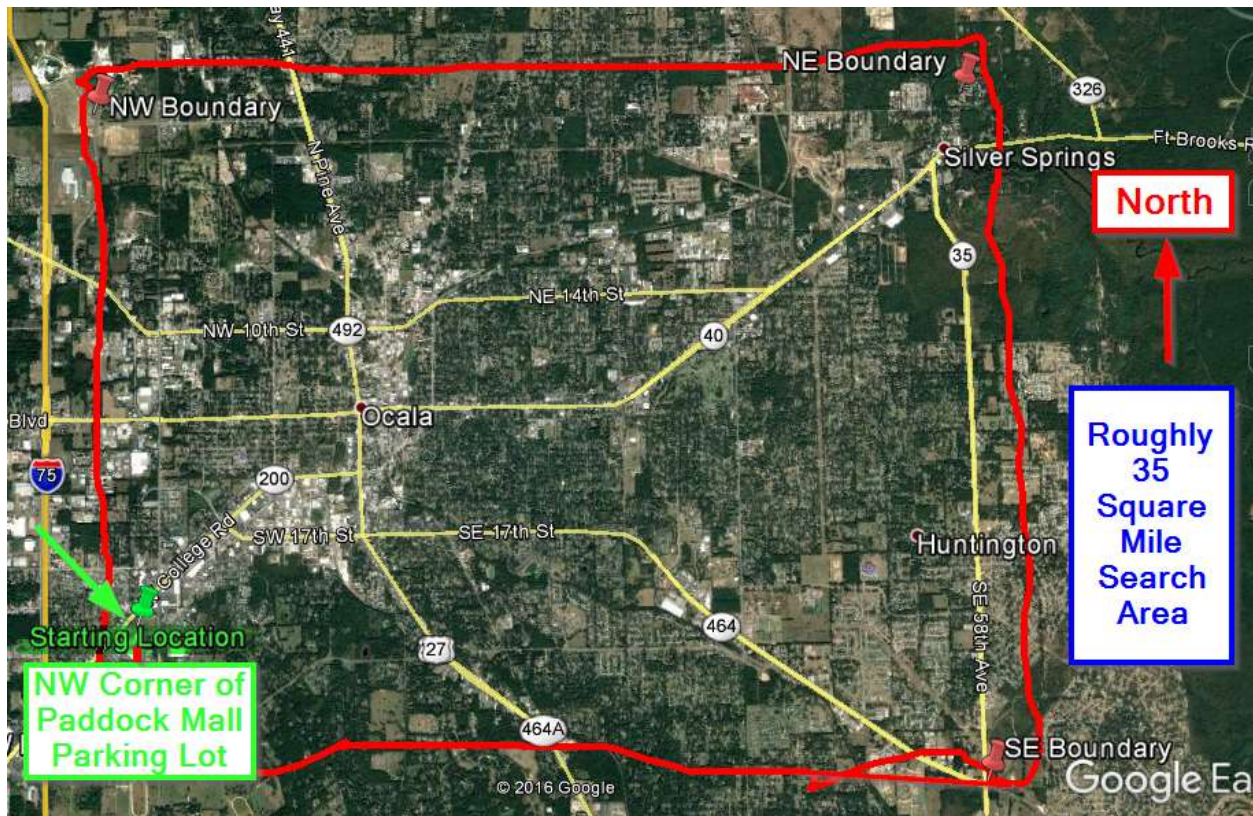
FOX Hunt February 25th 2017

Rules of Engagement

1. All participants should check in prior to the start of the FOX Hunt. Check in time will begin @ 1:45PM. Check in using the 146.970 repeater.
2. **Hunt Start time is (2PM).**
3. Each participant acknowledges that he/she participates in this activity at their own risk and shall abide by all traffic and other laws regarding safety.
4. The FOX (in this first hunt) will be KJ4CTZ and he will be having a conversation with other station(s) (TBD).
5. The FOX will be stationary and will not vary power settings of the transmitter.
6. The FOX will transmit approximately once per minute. The transmission time may vary but will be approximately 30 seconds per minute.
7. The Hounds (you the hunters) will listen for this transmission on the input frequency of the 146.970 repeater (146.370 is the input frequency). You may hear multiple transmissions on the input frequency but you must focus only on the transmissions of the FOX.
8. The FOX will start every transmission with his call sign followed by some words for example "KJ4CTZ I am the FOX". The fox will then simply have a normal conversation with at least one amateur.
9. The duration of the hunt while using this frequency will be 60 minutes. After this time has expired, the Hunt for FOX #1 on the input of the repeater frequency will be over. I will announce my location FOX #1 at this time.
10. When you find FOX #1 or 60 minutes has expired; you may begin hunting for FOX #2. It will be within walking distance from FOX #1. FOX #2 & FOX #3 have a frequency of 147.455. FOX #3 will not be in this area and you must ask me where to go to find FOX #3. **WARNING**, if you thought FOX #2 was challenging, I will be downright mean with FOX #3!!!
11. FOX #2 & #3 are very small, well camouflaged and will be a real challenge to find. They transmit a beep approximately once per second and after a series of 15 beeps, the FOX's will transmit KJ4CTZ in Morse Code then the sequence will repeat.
12. As soon as you find any FOX, please move away as quickly as possible so as not to ruin the hunt for another hound!
13. **BE SAFE**, do not enter any private property as the FOX will not be anywhere that would require permission.
14. The entire FOX hunt will be Over 3 hours after the official start time or 5PM.
15. If you are having extreme difficulty hearing the FOX signal, call me and I will direct you to a location that you are sure to be able to hear the Signal.

My number is

352-553-3847



The Image above shows the FOX HUNT BOUNDARY and also the Starting Location for the Hunt.

Hints-

- Be sure to loosen the squelch on your radio to ensure you can hear the signal from the FOX. This will be extremely important at the beginning of the hunt(s).
- Listen for the fox on 146.370. Transmissions are about 1/minute and will begin with "KJ4CTZ I am The FOX".
- Take a bearing on the strongest signal point. Draw a line on the map indicating this bearing.
- Drive at least 1/4 mile from the starting location and listen again for the signal. Take another bearing and draw this line on the map. You should have a spot with the two lines now intersect, drive to this spot. At this point (you are very close), you will have to attenuate the signal so that you can determine direction. There are various methods to attenuate the signal.
- Put the rubber duck on your radio and use your body to null the signal
- If you are very close, you may need to remove the antenna completely (CAUTION do not transmit without an antenna!!!) You may need tighten up your squelch
- You may tune to the third harmonic of the input frequency ($146.370 * 3 = 439.110$) FOX #2 & #3 ($147.455 * 3 = 442.365$) **Requires Dual band radio.
- Visually Look for the FOX, you may be right next to it and not even realize it.
- When you find me, approach and get your number. He will tell you where to go to start looking for the FOX #2 and if you feel like a real challenge ask me where to go for FOX #3 (The Bad Boy!)
Good Luck!