Short Wave Transmitter Procedure: \* note for testing make sure Transmitter is in view of the sky.

1. Screw on the antenna on top the transmitter.
2. Plug the loose wires on the Beeline transmitter into the port R10 on itself.
3. Turn on the transceiver (The black Yaesu radio).
4. Press [Band] until the frequency number that is on the back of the Beeline transmitter shows on the screen.
5. Make sure the Beeline transmitter is actually transmitting. To confirm that the transmitter is transmitting, listen for sounds of squawk about 5 seconds apart coming from the Yaesu radio.
6. Now proceed to press menu twice and arrow down on the Yaesu radio until the call sign on the back of the Beeline transmitter has appeared on the screen of the Yaesu radio.
7. Press [Band] to check for satellite lock. You can make sure that satellite lock is achieved by looking at the Yaesu radio’s screen and seeing if the word, “Fixed” appears under the call sign.
8. Press [Menu] until the frequency number appears on the screen once again.
9. Press [Band] until APRS is shown on the screen (see below in notes)
10. Press [Menu] twice and check to see if your still on the correct calling letters
11. Press [Band] to check for satellite lock, arrow down to see coordinates
12. Repeat until locked in.
13. Read out coordinates to track the moving satellite
14. When done turn off transmitter by taking out the wires
15. Take out antenna
16. Turn off transceiver
17. Put in safe place

Notes:

144.385 is our APRS (Automatic Position Reporting System - An amateur radio based automatic position reporting system for tracking)

“Band” takes you to different frequencies

Typing in any 6 digit frequency puts it into the transceiver’s memory

“Menu” gives you the transmitter’s GPS location. You have to use the “arrow” down key