

TO: ALL WOOD COUNTY EMERGENCY COMMUNICATIONS AMATEURS
ALL NON-WOOD COUNTY EMERGENCY COMMUNICATIONS AMATEURS
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WOOD COUNTY EMERGENCY COMMUNICATIONS INCORPORATED

WOOD COUNTY BULLETIN NR 24.27 DATE: July 7, 2024
SUBJECT: CAN YOU USE YOUR RADIO IN AN EMERGENCY?

There was a discussion lately of radios being used in a different location away from home. If you are away from your normal radio location, can you set up your radio to work with someone else's system? After a little thought it was decided that it might be possible.

If you have a dual band radio, there's a good chance the frequencies that you have may match other systems, but a little thinking and engineering may need to be done. You will need to know the frequencies, and tones that are being used. You may have to use both banks of your radio. On one bank you may have to set up the transmit frequency, and the other bank for the receive frequency. You will then be transmitting on one bank and receiving on the other.

This type of an arrangement will only work if the radio system you're trying to communicate with is using some kind of makeshift network. For normal repeater type systems, it's easier to program the repeaters that you're more likely to be using in that area. If you program your own radios, you might think of using more than one program file. Use files that has the repeaters that are all in the same area, or overlap another area.

Just a thought.

Ken Harris WA8LLM
WCEC
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