



## Ellis County Amateur Radio Club

### REPEATERS USER'S GUIDE

Harold Wheat K5HDW

You are welcome to use the clubs repeaters provided that you adhere to Part 97 of the FCC Rules and Regulations and any and all rules and guidelines presented as follows by the club and its net control operators. The repeaters are normally available 24 hours per day. During a regular scheduled training net, special events activity or during emergency condition, the repeaters will be under the direction of a net control operator.

### ***REPEATERS***

#### **2 Meter Repeaters**

Midlothian: 145.410 (110.9pl) Active

Ennis: 145.410 (131.8pl) Active

Waxahachie: 145.410 (162.2pl) Active

#### **70cm - 440Mhz**

Midlothian: 441.650 (110.9) Active

Italy: 442.525 (88.5pl) Active

#### **33cm - 900 MHz**

Waxahachie: 927.0375 (+ offset, 110.9pl) Active

The Waxahachie 2 meter and the Italy 440 repeater are currently running in Yaesu Fusion AMS mode on the input side, allowing Digital or Analog in but Analog output only. They do translation to the analog side if you run digital in. The Midlothian 441.650 repeater is running Yaesu Fusion AMS mode and is fully digital out if you run digital in to it. It is attached to a Wires-X controller, which is usually sitting in the Texas Nexas room.

### ***AUTHORIZED USERS***

The repeaters are available for access to all licensed amateur radio operators.

Malicious interferences with the repeaters is a violation of FCC rules and regulations and are subject to sanctions. The following guidelines are for common courtesy and common procedures. Adhering to these practices

will help make the repeater an enjoyable experience for all ages. Always be courteous and respectful of others. FCC rules apply at all times. See section 97.205(e) of the FCC rules.

### **REPEATERS OPERATION PRACTICES**

The following guidelines will assist you in using the repeaters:

- Monitor the repeaters, sometime called "the machine" to become familiar with any peculiarity with the repeater. Listen and listen again before making a call to see if the repeaters are in use. Remember repeaters are like a party-line for all to hear.



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- To initiate a contact simply verify that you are on frequency. Give your call sign and say "monitoring" will suffice.
- Please do not "ker-chunk" (key up without identifying yourself) the repeater to see if your radio and/or repeaters is working. That is an illegal transmission per the FCC To verify it is working and the frequency is clear, give your call sign and say "testing".
- Identify legally; you must identify at the end of a transmission or series of transmission and at least once each 10 minutes during communications. Just simply say your ID and nothing else.
- Pause between transmissions. Wait until the signal drops (your S-meter will show you when there is no signal from the repeater, sometimes called hang time) before responding. This will keep transmissions clear and not cut off part of your conversation. It will also give opportunity for others to have access to the repeater.
- Should you want access to the repeater say your call sign and wait to be recognized. It is poor etiquette to break into conversation unless you have an emergency or you can add substance to the conversation.
- Keep transmission short and thoughtful. Your long comments may prevent someone with an emergency from using the repeater. Give other hams an opportunity to use the repeater. Move long conversations to a simplex frequency if possible.
- When you hear "Break-Break" always yield to emergency communications. See the Emergency Situation section below.
- Use the minimum amount of power necessary to maintain clear communications. This FCC regulation {97.3d13{a) minimizes the possibility of accessing a distant repeater on the same frequency. Always listen closely for other ham's call sign.
- With access to mobile phones we do not offer auto patch.
- For complete details on repeaters etiquette, refer to your ARRL Operating Manual for Radio Amateurs.
- FCC Part 97 of the FCC Rules and Regulations prohibits conducting or promoting commercial business.
- ECARC repeaters are maintained at considerable expense and regular users should contribute to the support, care and upkeep of the repeaters. You are certainly welcome to join our club and participate fully in all our amateur radio activities.



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**RADIO NETS**

**ECARC INFO NET**

2nd Thursday of each month at 7 PM

**ARES/RACES**

1st Thursday of each month at 7 PM

**SKYWARN**

During severe weather outbreaks a formal NET may convene to provide urgent weather observation information to the National Weather Service in Ft. Worth. Qualification to participate in the SKYWARN program requires NWS Certificate of Training every 2 years.

<http://www.ssrh.noaa.gov/fwd/>

"SKYWARN is a registered trade mark of the NWS EMERGENCY ARES/RACES pt Thursday of the month at 7 PM SKYWARN SITUATION

If you have an emergency situation arise which threatens life or property you can break into a conversation with the words: BREAK, BREAK! At that moment, all other QSQ's must end to allow for the priority call. During a controlled net operation, the net control person will assist in the situation.

To provide all necessary information, remember the acronym H. A. N. D.

- H- What do you HAVE.
- A- Where are you AT.
- N- What do you NEED.
- D- Other useful DETAILS.



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**PHONETIC ALPHABET**

A-Alpha	N - November
B - Bravo	O - Oscar
C - Charlie	P - Papa
D - Delta	Q- Quebec
E - Echo	R- Romeo
F - Foxtrot	S - Serra
G - Golf	T- Tango
H - Hotel	U - Uniform
I - India	V - Victor
J - Juliet	W-Whiskey
K- Kilo	X - Xray
L - Lima	Y - Yankee
M - Mike	Z - Zulu