

# Denton County Amateur Radio Association

## The DCARA Repeaters

### Operating Rules & Guidelines

#### *Analog*

<b>146.920 MHz</b>	<b>(146.320 input)</b>	<b>110.9 CTCSS</b>
<b>145.170 MHz</b>	<b>(144.570 input)</b>	<b>110.9 CTCSS</b>
<b>444.050 MHz</b>	<b>(449.050 input)</b>	<b>110.9 CTCSS</b>
<b>443.525 MHz</b>	<b>(448.525 input)</b>	<b>118.8 CTCSS</b>
<b>927.6125 MHz</b>	<b>(902.6125 input)</b>	<b>110.9 CTCSS</b>

#### *Digital D-Star*

<b>147.450 MHz</b>	<b>(146.450 input)</b>	<b>Digital Voice</b>
<b>442.925 MHz</b>	<b>(447.925 input)</b>	<b>Digital Voice</b>
<b>1293.40 MHz</b>	<b>(1273.40 input)</b>	<b>Digital Voice</b>
<b>1253.60 MHz</b>	<b>D-Star GMSK</b>	<b>data access point</b>

### Operating Guidelines

#### **1. Monitor Before Transmitting**

Be sure the repeater is not in use.

You do not want to disrupt someone's QSO.

#### **2. Identify Legally**

You must identify at the end of a transmission or series of transmissions and at least once every 10 minutes during the communication. Always ID before and after when you are accessing the repeater functions.

#### **3. Pause Between Transmissions**

Wait for the courtesy beep. This allows other users to break in. They may have an emergency. Also, this will keep you from timing out the repeater. The timer resets at the beep. This is very important during SKYWARN/ARES net operations. *DO NOT use the word "BREAK."* Normally, your callsign will get you into any conversation.

#### **4. Keep Transmissions Short**

Your monologue may prevent someone with an emergency from getting in. This is especially important when reporting emergency information. Also remember that the repeater is a shared resource. Please don't abuse your amount of time.

#### **5. No Commercial Business!**

The FCC forbids using a repeater for anything that could be construed as business communications.

### Repeater Priorities

- 1. Emergency Traffic**
- 2. ARES / SKYWARN (weather)**
- 3. Autopatch Traffic**
- 4. Routine Mobile Traffic**
- 5. Fixed Base Traffic**

For more information, see the web page at [www.dcara.net](http://www.dcara.net)

### Portable eCOMM Repeater

**441.325 MHz (+5.0) 88.5 CTCSS**

This a low coverage repeater that can be deployed with the eCOMM trailer. When not deployed in eCOMM it is usually on the air from the north side of Denton.