

# *NCARC*

# **TRIBANDER**



YAESU ft – 8800

***NORTHERN COLORADO AMATEUR RADIO CLUB***

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## Local Repeaters

Frequency	Tone	Call Sign	Operated By	Services
144.390 Simplex APRS Digipeaters / No Tone		WØUPS	NCARC	GEN. BACKUP
		WØQEY	CSU	?
		WØLRA	LRA	?
145.115-	100.0 HZ	WØUPS	NCARC	BATTERY / GEN. BACKUP AUTOPATCH
146.625-	100.0 Hz	WØUPS	NCARC	NONE
146.850-	100.0 Hz	WØUPS	NCARC	NONE
147.000+	100.0 Hz	KCØKWD	WARS	CONTINUOUSLY LINKED IRLP node 3839 ECHOLINK
147.195+	100.0 Hz	WØLRA	LRA	BATTERY BACKUP AUTOPATCH
147.270+	100.0 Hz	NØENO	LARC	AUTOPATCH
147.360+	100.0 Hz	WØQEY	CSU	NONE
224.520-	100.0 Hz	WØUPS	NCARC	GEN. BACKUP
224.840-	100.0 Hz	WØUPS	NCARC	GEN. BACKUP / LINKED 145.205
447.275-	100.0 Hz	WØUPS	NCARC	GEN. BACKUP AUTOPATCH
448.800-	88.5 Hz	W0ENO	LARC	NONE
448.025-	100.0 Hz	WØUPS	NCARC	NONE
448.475-	100.0 Hz	KCØKWD	WARS	CONTINUOUSLY LINKED IRLP node 3839 ECHOLINK
449.575-	100.0 Hz	WØLRA	LRA	BATTERY BACKUP
449.725-	127.3 Hz	KØOJ	KØOJ	AUTOPATCH
449.850-	100.0 Hz	WØQEY	CSU	NONE
927.825-	100.0 Hz	ABØSF	ABØSF	NONE
927.875-	DPL 114	NØZUQ	NØZUQ	NONE
927.950-	100.0 Hz	K1TJ	K1TJ	GEN. BACKUP
1283.550-	100.0 Hz	K1TJ	K1TJ	NONE
Frequency	Tone	Call sign	Operated By	Services

**NCARC MEETING**

**FEBURDAY 21, 2015**

**AT THE**

**GOLDEN CORRAL**

**1360 Sculptor Dr,**

**Loveland, CO**

**BREAKFAST – 0800**

**MEETING - 0900**

# Remember

## NCARC FUN NIGHT

AT 1800

PIZZA RANCH  
LOVELAND, CO

3451 Mountain Lion Drive

FROM I-25 & 34 GO WEST ABOUT 2 MILES. THE RANCH  
WILL BE ON THE SOUTH SIDE OF HIGHWAY 34  
IT IS IN A SMALL MALL BUT IN A LARGE BUILDING

# HAMFEST 2015

WE WOULD LIKE TO THANK THE PEOPLE THAT HELPED MAKE THE HAMFEST A GO. THERE IS NEVER ENOUGH TIME TO SAY THANK YOU AFTER THE PARTY IS OVER, BUT WE AS MEMBERS OF THE HAMFEST COMMITTEE ARE HAPPY TO SAY.

# THANK YOU



YAESU FT 8800r

## **FEATURES**

### **Wide Frequency Coverage**

The FT-8800R provides extended receiver coverage beyond the Amateur bands, so you can keep informed of communication activities in the public safety, commercial, aircraft, and government communications ranges.

### **Independent Two-Channel Operation**

The FT-8800R operates as two radios in one, with either 144 MHz or 430 MHz as the “Main” TX/RX band, while simultaneously monitoring the other band. Each band has its own Volume and Squelch controls. And, if you like, you can configure your FT-8800R for VHF-VHF or UHF-UHF operation, too!

### **High Power Output**

To get your message through when it counts, the FT-8800R puts out a full 50 Watts of power on the 144 MHz band, and 35 Watts on 430 MHz. A thermal sensor monitors heat sink temperature, engaging the rear panel’s cooling fan only when needed.

### **Over 1000 Memory Channels**

The FT-8800R provides a wide variety of memory resources, including 512 "regular" memories on each band, five "Home" channels for favorite frequencies, ten sets of band-edge memories on each band, and six "Hyper Memories" that store complete sets of transceiver operating status configuration.

### **Large, Easy-to-Read Liquid Crystal Display (LCD)**

Affording easy viewing from a wide range of viewing angles, the LCD of the FT-8800R features Yaesu’s renowned Omni-Glow™ display illumination, with four illumination levels available for different environments. You’ll marvel at the crystal-clear frequency display and status indicators, whether you’re operating night or day!

### **Cross-Band Repeat Capability**

For emergency work, or to extend the range of a hand-held unit, the FT-8800R includes Cross-Band Repeat capability, similar to that pioneered on our popular FT-8100R Dual Band FM Mobile!

### **One-Touch Band-Pattern**

To save valuable time while operating a transceiver with the capability of the FT-8800R, the “Hyper Memory” feature allows you to store a complete set of configuration data for the two bands on which you’re operating. Besides the usual storage of frequency and tone data, Hyper Memory will store such setup parameters as Automatic Repeater Shift status, Packet parameters, Scanning mode, and VFO tracking configuration.

### **50-Tone CTCSS/104-Tone DCS (Digital Code Squelch) Tone Systems**

Providing excellent performance even under difficult link conditions, Yaesu’s 50-tone sub-audible CTCSS

and 104-tone DCS signaling systems ensure that you have full access to repeater and remote-base inputs, and the built-in CTCSS/DCS decoders allow silent listening on busy channels. Plus you get Tone Search Scanning, which will scan for the tone being received on an incoming signal, allowing you to match tones quickly when operating on a new repeater system.

### **User-Programmable Microphone Keys**

Four programmable keys on the microphone allow you one-touch access to your favorite command functions. The commands available from the microphone replicate the corresponding front panel key functions, and include Band Change, VFO/Memory switching, Home Channel access, 1 MHz frequency steps, Power Output selection, Repeater Reverse, and CTCSS/DCS setup. Customize your microphone for your personal operating style!

### **Convenient Remote-Head Mounting Capability**

With the FT-8800R and its optional YSK-8900 Separation Kit, mounting your radio is a breeze even in the tightest locations. The YSK-8900 includes a 20-foot (6 m) remote cable and mounting bracket for the front panel.

## **NEWS**

The ARRL has asked a Massachusetts company that plans to conduct experimental transmissions over wide portions of the HF spectrum either to avoid Amateur Radio allocations or to announce the times and frequencies of their transmissions in advance. The FCC last fall granted MITRE Corporation of Bedford, Massachusetts, a 2-year Part 5 Experimental License, WH2XCI, to operate 21 transmitters at 10 fixed New York and Massachusetts sites. MITRE plans to test wideband HF communication techniques on a variety of bands between 2.5 MHz and 16 MHz.

"[I]t will not be possible for MITRE to operate these transmitters within the Amateur Radio Service allocations...without causing harmful interference to a large number of Amateur Radio operators on an ongoing basis," ARRL Chief Counsel Chris Imlay, W3KD, said in a February 12 letter to MITRE.

Imlay said that if MITRE does not agree to avoid ham radio bands or to announce times and frequencies of transmissions ahead of time, it will ask the FCC to rescind the company's Experimental License or to impose a prior notification requirement "in real time for each and every use of the transmitters authorized at each site."

The WH2XCI Experimental License authorizes maximum bandwidths of 5 kHz, 500 kHz, and 1 MHz at effective radiated power levels of 6 W, 24 W, or 122 W. MITRE has indicated that most bandwidths would be between 100 and 300 kHz.

"At these power levels with the operating parameters proposed, it will be impossible to conduct your tests at any time within the Amateur Radio allocations and, at the same time, avoid harmful interference," Imlay said. He noted that MITRE already conceded this point in a technical exhibit

submitted to the FCC with respect to its 1 MHz bandwidth mode.

Imlay said that when interference from MITRE's wide-bandwidth transmitters "inevitably occurs in the narrow-bandwidth, sensitive receivers" hams use, amateur licensees will have no way to determine the source of the interference or know to whom they might complain.

"Thus, your assurance of operation on a 'non-interference basis' is meaningless under the circumstances, and yet that is both a special condition of operation" of the WH2XCI license and under FCC Part 5 regulations, Imlay told MITRE.

"It is ARRL's intention to ensure that this experimental authorization, improvidently granted to the extent that it includes heavily used Amateur Radio allocations, is not permitted to cause interference to ongoing Amateur Radio HF communications," Imlay concluded.

MITRE obtained the Experimental License to investigate high data rate wideband HF communication systems that exploit polarization diversity multiple input, multiple output concepts to expand the bandwidth of the communication channel.