

CLOSED VHF ECHOLINK NODE #346920 KR5NM/R INFORMATION
"THE HWY 70 ECHOLINK NODE FOR RUIDOSO, NM"

Basic Information:

8-07

Owner/Controller: Sierra Blanca Amateur Radio Club (K5OI EchoLink Administrator)
Frequency: **146.92 FM Repeater (input 146.32)**
PL: **100.0 Hz encode/decode** (to maximize squelch sensitivity)
24/7 link: E-Mail Tim - K5OI@arrl.net for access from a remote location
Location: Ruidoso, NM @ 7500 ft.
Access: Remote access is restricted to club members, local access is open to all

Antenna type: Bi-directional favoring HWY 70 colinear broadside array
Transceiver: GE Mastr II Repeater
Transmitter ERP: Approximately 100 watts
Internet connection: High speed DSL
Radio interface: Transformer and opto-isolator isolated circuit with in-band link to repeater
TX time out timer (TOT): 240 seconds (4 minutes)
RX time out timer: 240 seconds (4 minutes)
Inactivity time out timer: None- Indefinite (*After one initial key-up)
Conferencing: 10 nodes at once max

Rules, Procedures, Control Instructions and Requests:

- **Listen before attempting to connect.** Identify yourself prior to or after DTMF tones transmitted.
- Press either "08" or "*" to verify if the link is up. If "08" is pressed, and someone is connected, it will give the callsign of the connected station. If no one is connected, and the "*" is pressed, a voice announcement will come back with station information.
- **Do not PTT on a reply to a linked station until you hear the courtesy or "over" tone.** This feature is very handy to let you know that it is your turn to talk and prevents "doubles".
- If connected to an RF link, particularly a repeater link, please allow about **5 seconds after the courtesy tone** for the repeater to "cycle" and/or allow others to break-in. Also be sure to **allow at least 1 full second of PTT prior to talking.** This allows the system, repeaters, PL tones, etc. to come up without being chopped off. **IF YOU DO NOT** do any of the above mentioned, you can be timing out repeaters and cutting off your own transmissions on the other end.
- Remember you are using ham radio frequencies. ID every 10 minutes and use good conduct. Good rule of thumb is to ID when the male voice announces "KR5NM/R". He ID's every 10 minutes when connected.
- There are no tones to hit prior to, or after, dialing a known node number. We use **"standard tones"** for up and down. In other words, **just dial the node to connect.** When finished, hit the **# key to disconnect.** The only tones or "codes" are listed below:

08 = Announce Connection status
down last connection
*** = Station Information**
down all connections

= Bring
##=Bring

Open access is provided for the K5RIC/R 443.925 (100) repeater and the N5SN/L 144.95 (85.4) simplex link in the area