**Lincoln County ARES / RACES Communications Plan Updated Oct 07**

Emergency Alert ONLY:     *146.980 Will use Encode of 107.3 CTCSS Tone* for Emergency Alerting ONLY   (note if your radio supports CTCSS Decode, set it to 107.3 to **ONLY** hear Emergency Alerts)  Note actual normal and Emergency operation on this repeater will use **only 100.0 Hz tone**

The Emergency Alert tone will be used every hour of any Emergency Event to **Alert** any mobile ham station only monitoring the Emergency Alert Tone and out of Range that drives into range.

The Emergency Alert tone will be tested each week to announce the weekly Lincoln County ARES / RACES Radio net on the 146.980 Repeater each Sunday night.

Lincoln County VHF / UHF Frequencies used for ARES and RACES:

Primary VHF Repeater:     146.980 Tone 100.0 Repeater Primary ARES / RACES

Emergency Alerting     146.980 Tone 107.3 Emergency Alerting ONLY

Secondary VHF Repeaters:

　　　　　　　　　146.920 Tone 151.4 SBARC Alto repeater.
　　　　　　　　　146.920 Tone 100.0 SBARC Camelot repeater.
　　　　　　　　　146.610 Tone 100.0 Capitan Mtn. Repeater
　　　　　　　　　Future Buck Mtn. State of NM ARES / RACES Repeater

Simplex VHF FM:
Primary:     146.980 Tone 100.0 Emergency Simplex if repeater fails.

　　　　　　　　　If an event is using another VHF Repeater as its Primary Network and the repeater fails, move to that repeaters output for Emergency Simplex operation.

Repeater Fail – If repeater returns to service, all users will know it is back on the air.

Mega-Link:     146.660 Tone 67.0 Capitan Mega Link
　　　　　　　　　444.375 Tone 67.0 Cow Mtn. Mega Link

Other 2M Simplex:     146.520 National Emergency Calling Simplex
　　　　　　　　　146.420, 146.440, 146.460, 146.480, 146.500, 146.540, 146.560, 146.580

　　　　　　　　　147.420, 147.440, 147.460, 147.480, 147.500, 147.520, 147.540, 147.560, 147.580 MHz
　　　　　　　　　Any of these may be used to provide other simplex radio Networks as needed.

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| 220 Band | 223.500 MHz FM National Emergency / Calling Simplex |
| UHF Repeaters: | 443.926 Tone 162.2 Buck Mtn. Primary UHF ARES / RACES<br>444.375 Tone 67.0 Cow Mtn. Mega-Link |
| UHF Simplex<br>Other Simplex: | 446.000 FM National Calling / Emergency<br>445.025 to 444.975 in 25 KHz Stepts |
| High Frequency: | 3939.0 KHz Primary NM State ARES / RACES<br>60 Meters Chan 3 Primary (5366.5 KHz) If channel 3 is busy, then go to channel 1 and work up until a clear channel if found.<br>7236.5 KHz Secondary NM State ARES / RACES |
| Lincoln County | Use the above unless we need to operate on a separate HF network, then go anywhere from 3 to 12 KHz DOWN. |
| Simplex other Bands: | |
| 10 Meters: | 28.4 +- QRM (28.33 to 28.47) USB<br>29.600 FM (other FM Simplex between 29.05 to 29.480 MHz) |
| 6 Meters: | 50.25 USB<br>52.525 National Calling / Emergency<br>52.400 Simplex FM<br>52.300 Simplex FM 162.2 |
| Digital VHF: | 145.010 Buck Packet Node<br>144.390 Cow Mtn. APRS Node |