

Sandoval County ARES

October 18, 2021

Gary-K5BIQ opened the meeting at 19:00 hrs

9 members were present and

Visitor Ryan Solta-KG5NXX Sandoval County Communications Administrator.

REPEATERS: Chris-NM5F and Connie N5HC gave a video presentation on the maintenance work to date on the **Rainbow VHF and UHF repeaters**. As the repeaters are only 25 watt, losses add up quick. Showed the losses a different points of the system. Need to replace some LMR400 with 1/2" Hardline to reduce losses. (Ryan stated that with the change to 700Mhz a lot of the antennas will be coming off the towers). Also the possibly of removing the duplexers and going to split Rx/Tx antennas. Also showed a complete inventory list for each repeater site. We need to access the age of our Repeaters. A Raspberry Pi computer could replace the controllers that are no longer manufactured. Connie stated we might consider moving the 443.00 repeater up to the crest. It would also help with the LaMadera link.

Pajarito requirements are not known until they gain access. Besides realignment, will get the Packet station operational.

LaMadera we need an antenna at least.

The **Intel repeater**, we are still interested in being able to add it to our system. Ed-WB8ORT will work with Brain-KG5WED to transfer repeater trustee over to Brian.

Ryan Solta-KG5NXX **Sandoval County Communications Administrator** reviewed the upcoming change to 700Mhz. Time frame is a minimum of 12-18 months. A number of repeater sites will be added. If we are interested in any. All of the repeater sites will be connected via dual microwave links not fiber. Will work with Connie and Chris for access to Pajarito site. At LaMedera they now have a propane tank, so there now emergency power. He is working on a grant to buy a large communications trailer.

Communication Trailer at Cedro Peak on Saturday October 16, 2021. Jim-KC5RUO could not attend the meeting as he has Covid. He did send an after action report. Also Bob-N5UKA was one of the net control operators. Tom-W5THS gave the report.

Per the 4 net control operators. **The good**, it doesn't hear outside noise, good worktop space, good worktop lighting, able to get to back of radios for speaker ports, operational comfort level was good. **The bad**, need better overhead lighting, hard to hear the radio's internal speaker, provide headphones, improve heating, elevated external antennas.

INCIDENT CHECK-IN LIST



1. Incident Name
Monthly meeting

**Sandoval County
Amateur Radio
Emergency Service**

2. Check-in Location (complete all that apply)
Rio Rancho Fire Headquarters

☐ ICP

☐ Staging Area

☐ ICP Restlot

☐ Helibase

3. Date/Time

10-18-21

Check-in Information

4. Name (Please Print)	5. CALL SIGN	6. Phone #	7. SCARES Member ☐ Y ☐ N	8. Email	9. IS 100 Yes/No	10. IS 700 Yes/No
<i>Ed Williams</i>	<i>WBSORT</i>	<i>505-235-7160</i>	☒ Y	<i>wsort.ed@gmail.com</i>	☒ Yes	☒ Yes
<i>Bob Nieri</i>	<i>N5DIKA</i>	<i>505-461-3332</i>	☒ Y	<i>nierni794@msn.com</i>	☒ Yes	☒ Yes
<i>Bill Mader</i>	<i>K8TE</i>	<i>952-250-858</i>	☒ Y	<i>K8TE@ARRL.NET</i>	☒ Yes	☒ Yes
<i>Ryan Scott</i>	<i>K6SXX</i>	<i>505-203-8739</i>	☒ N	<i>rs101@sandovalcounty.gov</i>	☒ Yes	☒ Yes
<i>Yul Bratcher</i>	<i>WASYN1</i>	<i>505-948-9253</i>	☒ Y	<i>yul.Bratcher@ATT.net</i>	☒ Yes	☒ Yes
<i>Chris Drummond</i>	<i>NM5F</i>	<i>505-507-6447</i>	☒ Y	<i>K8I2A@qmail.com</i>	☒ Yes	☒ Yes
<i>Conny Janson</i>	<i>NSHL</i>	<i>805-252-0579</i>	☒ Y	<i>Conny@NSHC.com</i>	☒ Yes	☒ Yes
<i>GARY SCRAD</i>	<i>155B1Q</i>	<i>505-235-2432</i>	☒ Y	<i>GSCRAD@YH.com</i>	☒ Yes	☒ Yes
<i>Tom Simmonds</i>	<i>W5TNS</i>	<i>505-944-6028</i>	☒ Y	<i>thsimmonds918@gmail.com</i>	☒ Yes	☒ Yes