

#129

NEW MEXICO FREQUENCY COORDINATION FORM 1

For Amateur Radio Stations at Fixed Sites in Auxiliary or Repeater Operation



Use this form for new applications or to update technical data for frequencies already coordinated. This form should include information about all receivers and transmitters operated by one trustee at one specific fixed site in the state of NM. This includes all repeater and auxiliary operations at the site. If more than one receiver and one transmitter are in operation at this site, attach enough Supplementary Data Sheets (Form 2) to cover all equipment and frequencies. The receive and transmit frequencies listed on each sheet (either this form or Supplementary Data Sheet) should be grouped in logical pairs based on the application checked for that sheet. For instance, repeater input/output, link input/output, repeater input/link output (for remote receiver sites) form logical pairing of frequencies. If split site operations are involved, a separate Form 1 (and Form 2, if needed) should be completed for each site. Fill out the forms completely. Incomplete forms will require the coordinator to obtain the missing information and will cause delays in approval. The trustee should not make any financial commitment that might be affected by the failure of the Committee to approve the application. Applications are considered on a first-come, first-served basis; there may be other applications for the frequencies you are requesting. No frequencies will be considered coordinated without a signed, approved application form on file with the Secretary.

Send the completed application and #10 SASE to: Neil Addis, W7FED, 8401 Disney PL NE, Albuquerque NM 87122-2789

This is a New Application ☐ or Update ☐ Or email to: w7fed@protonmail.com in .pdf format

I. INFORMATION ABOUT THE TRUSTEE:

Name: DAVID HAM Call: N6SIK Home Phone: 619-306-7260 Work Phone: SAME
 Address: 5052 MIRA VISTA DR NE email: DH4DHAM@GMAIL.COM
 City: RIO RANCHO State: NM ZIP: 87144

II. INFORMATION ABOUT THE OWNER/SPONSOR:

Name/Organization: High Desert Amateur Radio Inc. Point of Contact: Michael R. Smith, W7CBP
 Address: 4416 PLATINUM DR Home Phone: 505-401-0214
 City: Rio Rancho State: NM ZIP: 87144 email: HTARC@GMAIL.COM

III. SITE DATA: The following site data applies to the frequencies listed on this sheet and all attached Supplementary Data Sheets (Form 2).

Town/City: ALBUQUERQUE Elevation (ASL, ft): 10678 HAAT (ft): 10728
 Mountain Name: SANDIA Latitude: 35° 13' 41" N Longitude: 106° 29' 08" W
 Elevation is at the base of the tower. For Lat/Lon please use WGS-84 datum. See Height Above Average Terrain calculator to determine HAAT.
 Site Power is: Commercial ☒ Solar ☐ Wind ☐ Emergency Power is: (Solar, Wind, Gen, Battery, etc) BATTERY

IV. For the receive/transmit frequencies listed below, check the one description that best describes how these frequencies are used:

Common Site Full Duplex Repeater ☒ Control Receiver input ☐ Transmitter end of a split repeater site ☐
 Operation of a Remote Base ☐ Remote/auxiliary input receiver site for a repeater ☐ Receiver end of a split repeater site ☐
 Linking of a repeater at this site to another fixed site ☐; Linked frequency:

V. Information about the Transmitter at this site:

Frequency: 448.750 Emission: FM Analog CTCSS + 100 Hz CC/DCS/DSQ/NAC/RAN: N/A
 Antenna Height above ground, in feet, at center of vertical axis: 60 Repeater Call: NM540
 Antenna Polarization (V, H): V Antenna Pattern (Omni, Directional): O Antenna Bearing: 360
 Gain (dBd): 5 Output Power (W) at TX terminals: 40 Effective Radiated Power (ERP): 28

VI. Information about the Receiver at this site:

Frequency: 448.750 Emission: ANALOG FM CTCSS + 100 Hz CC/DCS/DSQ/NAC/RAN: N/A

VII. NOTES AND SPECIAL FEATURES: Check all that apply. Open System ☒ Remote Base ☐ Linked or cross band system ☐

RACES Affiliated ☐ ARES affiliated ☒ Weather net/weather usage ☐ Portable system ☐
 MODE: FM Wide ☒ FM NARROW ☐ D Star DV ☐ D Star DD ☐ DMR ☐ Fusion ☐ P25-1 ☐ P25-2 ☐ NXDN ☐ ATV ☐ DATV ☐

VIII. Link information (for Point-to-Point Applications): All transmitters and protected receivers must be coordinated, except Remote Bases.

Location of other end of link: N/A Call:
 Other end previously coordinated (Y/N): ☐ (Previously coordinated Hub sites do not need to be re-submitted.)

IX. For Remote Base applications: Frequency of Remote Base N/A Output power (W)

Note that Remote Base frequencies are not to be considered as coordinated but noted for database and Directory use only.

Trustee's Signature

Date

11-11-2025

FOR NM FCC USE ONLY

APPROVED ☒NOT APPROVED ☐

REASON

Coordinator

Date

11-13-2025

NM FCC Form 1, Revised Jan 1 2016. Previous versions obsolete.