

# 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](mailto:w7fed@protonmail.com) in .pdf format

## I. INFORMATION ABOUT THE TRUSTEE:

Name: \_\_\_\_\_ Call: \_\_\_\_\_ Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_  
Address \_\_\_\_\_ email \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

## II. INFORMATION ABOUT THE OWNER/SPONSOR:

Name/Organization \_\_\_\_\_ Point of Contact \_\_\_\_\_  
Address \_\_\_\_\_ Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_ email \_\_\_\_\_

## 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 \_\_\_\_\_ Elevation (ASL, ft) \_\_\_\_\_ HAAT (ft) \_\_\_\_\_

Mountain Name \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**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) \_\_\_\_\_

## 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 \_\_\_\_\_ Emission \_\_\_\_\_ CTCSS \_\_\_\_\_ CC/DCS/DSQ/NAC/RAN \_\_\_\_\_  
Antenna Height above ground, in feet, at center of vertical axis \_\_\_\_\_ Repeater Call \_\_\_\_\_  
Antenna Polarization (V, H) \_\_\_\_\_ Antenna Pattern (Omni, Directional) \_\_\_\_\_ Antenna Bearing \_\_\_\_\_  
Gain (dBd) \_\_\_\_\_ Output Power (W) at TX terminals \_\_\_\_\_ Effective Radiated Power (ERP) \_\_\_\_\_

## VI. Information about the Receiver at this site:

Frequency \_\_\_\_\_ Emission \_\_\_\_\_ CTCSS \_\_\_\_\_ CC/DCS/DSQ/NAC/RAN \_\_\_\_\_

## 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: \_\_\_\_\_ 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 \_\_\_\_\_ 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 \_\_\_\_\_

## FOR NMFCC USE ONLY

APPROVED  NOT APPROVED  REASON \_\_\_\_\_

Coordinator \_\_\_\_\_ Date \_\_\_\_\_

NMFCC Form 1, Revised Jan 1 2016. Previous versions obsolete.