

MISSOURI REPEATER COUNCIL, Inc.

APPLICATION FOR FREQUENCY COORDINATION

Repeater Owner/Sponsor: _____

Repeater Contact Person

Name: _____ Call: _____

Address: _____

Address2: _____

City: _____ State: _____ Zip: _____ +4 _____

Email Address: _____

Telephone: _____ Alternate: _____

Repeater Trustee:

Name: _____ Call: _____

Address: _____

Address2: _____

City: _____ State: _____ Zip: _____ +4 _____

Email Address: _____

Telephone: _____ Alternate: _____

Each Remote Receive Site must also be coordinated. Please include additional copies of this form for each remote receive site in your system.

I have read the "Frequency Coordination Guidelines" and by signing below, agree to abide by these guidelines. If not, I may lose my coordination.

SIGNED: _____ DATE: _____

The technical parameters of the proposed system must be clearly documented on Page 2 before the coordination process can begin.

The application process takes 30 days or more in some cases. Please do not inquire about the status of your application until the normal 30-day processing time has elapsed.

Please return signed application to:

State Frequency Coordinator

Jeff Young, KB3HF
6 Long Branch Ct.
St. Peters, MO. 63376
KB3HF@MissouriRepeater.org
636-928-7348

SW & SC Areas

James Adkins, KB0HNX
180 Sackett Brand Rd.
Clever, MO. 65631
KB0NHX@MissouriRepeater.org
417-840-5261

NW & WC Areas

(On Leave, Contact KB0HNX)
Bryon Jeffers, K0BSJ
15585 Lover Ln
Excelsior Springs, MO. 64024
K0BSJ@MissouriRepeater.org
816-377-7193

Repeater Information

Repeater Call: _____ Proposed Band: _____

Proposed Frequency: Output _____ Input _____
Leave Blank Leave Blank

Area Served (City) _____

Site Address: _____
(Example: 120 So. Main or 1 « miles West of Highway 92, on County Rd "J")

City: _____ County: _____

Mandatory Technical Parameters required for the coordination process.

Check if Receiver Location is Same as Transmitter (If so, skip Receiver Lat/Lon Entry)

<u>MAIN TRANSMITTER</u>	<u>COMMENTS</u>	<u>MAIN RECEIVER</u>
_____ Degrees	Latitude (Deg.to 6 Decimals)	_____ Degrees
_____ Degrees	Longitude (Deg. to 6 Decimals)	_____ Degrees
TX Power _____ (Watts)		RX Sensitivity _____ (uV)
TX Duplexer Loss _____ (dB)		RX Duplexer Loss _____ (dB)
TX Feedline Type _____		RX Feedline Type _____
TX Feedline Length _____ (ft)		RX Feedline Length _____ (ft)
TX Antenna Gain _____ (dB)	Over Dipole	RX Antenna Gain _____ (dB)
TX Antenna _____	Make/Model	RX Antenna _____
TX Antenna Type _____	Omni or Directional	RX Antenna Type _____
TX Tower Base _____ (ft)	Elevation (Grade Level)	RX Tower Base _____ (ft)
TX Antenna AGL _____ (ft)	Height Above Ground Level	RX Antenna AGL _____ (ft)
TX Tower ASR No. _____	If assigned by FCC	RX Tower ASR No. _____

Effective Radiated Power (ERP): _____ Watts (calculate)

Repeater Mode (Select One)

- FM – Wide COS _____ CTCSS-IN _____ Hz CTCSS-OUT _____ Hz DCS _____
- FM – Narrow COS _____ CTCSS-IN _____ Hz CTCSS-OUT _____ Hz DCS _____
- DStar DV
- Fusion Fusion DSQ _____
- P25 Phase 1 _____ Phase 2 _____ NAC _____
- DMR DMR Color Code _____
- NXDN Digital _____ Mixed _____ RAN _____

Linking

IRLP Node Number _____

Echo Link Number _____

AllStar Node Number _____

Technical Parameters for first optional Remote Receiver and Link Transmitter.

If Remote Receiver is wireline linked back to the main repeater site, disregard Link TX request.

<u>LINK TRANSMITTER</u>	<u>COMMENTS</u>	<u>REMOTE RECEIVER</u>
_____ Degrees	Latitude (Deg.to 6 Decimals)	_____ Degrees
_____ Degrees	Longitude (Deg.to 6 Decimals)	_____ Degrees
TX Power _____(Watts)		RX Sensitivity _____(uV)
TX Feedline Type _____		RX Feedline Type _____
TX Feedline Length _____(ft)		RX Feedline Length _____(ft)
TX Antenna Gain _____(dB)	Over Dipole	RX Antenna Gain _____(dB)
TX Antenna _____	Make/Model	RX Antenna _____
TX Antenna Type _____	Omni or Directional	RX Antenna Type _____
TX Antenna Direction _____	360 for Omni or degrees CW from	RX Antenna Direction _____
TX Tower Base _____(ft)	Altitude (Grade Level)	RX Tower Base _____(ft)
TX Antenna AGL _____(ft)	Height Above Ground	RX Antenna AGL _____(ft)
TX Antenna HAAT _____(ft)	Height Above Average Terrain (calculate)	RX Antenna HAAT _____(ft)
TX Tower ASR No. _____	If assigned by FCC	RX Tower ASR No. _____

Effective Radiated Power (ERP): _____ Watts (calculate)

Technical Parameters for optional additional Remote RX and Link Transmitter.

If Remote Receiver is wireline linked back to the main repeater site, disregard Link TX request.

<u>LINK TRANSMITTER</u>	<u>COMMENTS</u>	<u>REMOTE RECEIVER</u>
_____ Degrees	Latitude (Deg.to 6 Decimals)	_____ Degrees
_____ Degrees	Longitude (Deg.to 6 Decimals)	_____ Degrees
TX Power _____(Watts)		RX Sensitivity _____(uV)
TX Feedline Type _____		RX Feedline Type _____
TX Feedline Length _____(ft)		RX Feedline Length _____(ft)
TX Antenna Gain _____(dB)	Over Dipole	RX Antenna Gain _____(dB)
TX Antenna _____	Make/Model	RX Antenna _____
TX Antenna Type _____	Omni or Directional	RX Antenna Type _____
TX Antenna Direction _____	360 for Omni or degrees CW from	RX Antenna Direction _____
TX Tower Base _____(ft)	Altitude (Grade Level)	RX Tower Base _____(ft)
TX Antenna AGL _____(ft)	Height Above Ground	RX Antenna AGL _____(ft)
TX Antenna HAAT _____(ft)	Height Above Average Terrain (calculate)	RX Antenna HAAT _____(ft)
TX Tower ASR No. _____	If assigned by FCC	RX Tower ASR No. _____

Effective Radiated Power (ERP): _____ Watts (calculate)