

Iowa Repeater Council, Inc.

Repeater Coordination Application

Please fill out the following form see page 2 for notes.

This is a relocation of the
W0GEN DMR repeater.
Tx= 443.7250 MHz
Rx= 448.7250 MHz

System Call

Band

Holder of Coordination

Name	Call	Email	
Address			
City	State	Zip	
Phone	Day Phone	Cell Phone	

Sponsor

Name	Call	Email	
Address			
City	State	Zip	
Phone	Day Phone	Cell Phone	

Primary Contact

Same as Holder of Coordination

Name	Call	Email	
Address			
City	State	Zip	
Phone	Day Phone	Cell Phone	

Location

Transmitter	Latitude	Deg		Min		Sec		Longitude	Deg		Min		Sec	
Receiver	Latitude	Deg		Min		Sec		Longitude	Deg		Min		Sec	
City								Site Name						
Site Address								County				State		
Directory Listing Area								Region: NW NE NC SW SE SC WC C EC						

Features Check all that apply

Carrier/Open	Law Auto Patch	LiTZ	Portable
Closed Access	Emergency Power	Touch Tone	Experimental
Dual Squelch	Link/Crossband	Burst	Bilingual
Auto Patch	Wide Area	Whistle	RACES
Closed Auto Patch	Weather Net	RTTY	ARES

Transmit / Receive

Tx Pwr (watts)	ERP (watts)	HAAT (feet)	Site AMSL(feet)	
TX Antenna		Bearing	Height AGL	Gain (dBi)
Pattern	Omni	Directional	Polarization	Vertical
			Horizontal	Circular
RX Antenna		Bearing	Height AGL	Gain (dBi)
			121	11.3
Pattern	Same as TX	Omni	Directional	Polarization
			Vertical	Horizontal
			Circular	
Primary Emission/Tone/Code		Tx Tone/Code type		Tx Tone/Code
Emission Designator		Rx Tone/Code type		Rx Tone/Code
Secondary Emission/Tone/Code		Tx Tone/Code type		Tx Tone/Code
Emission Designator		Rx Tone/Code type		Rx Tone/Code

Iowa Repeater Council, Inc.
Repeater Coordination Final Data
Form Notes

Sponsor:

Abbreviation is limited to 10 characters.

Location:

Site name: If there is a commonly referred to name enter it here (i.e. Ames water tower)

Directory Listing Area: For consistency please limit selection to the following list.

Burlington	Council Bluffs	Dubuque	North Central	Sioux City	Southwest
Cedar Rapids	Davenport	East Central	Northeast	South Central	Waterloo
Central	Des Moines	Mason City	Northwest	Southeast	West Central

Region: Circle one

Features:

Check all that apply

Transmit/Receive:

Tx Power (Watts): Power out at transmitter

ERP (Watts): **E**ffective **R**adiated **P**ower from ERP worksheet

HAAT(Feet): **H**eight **A**bove **A**verage **T**errain from HAAT worksheet or software.

Site AMSL (Feet): Site elevation **A**bove **M**ean **S**ea **L**evel.

Antenna:

Bearing: If Directional enter Degrees. If Omni enter 0

Antenna Height AGL: Height of center of radiation **A**bove **G**round **L**evel in feet.

Emission/Tone/Codes:

Emission Designators	Tone/Code types:
20K0F3E 5 kHz deviation FM Voice	CTCSS Tone Squelch
16K0F3E 4 kHz deviation FM Voice	CDCSS Digital Tone Squelch
11K2F3E 2.5 kHz deviation FM Voice	CALLSIGN Callsign encoded in data stream
8K10F1E P25 PI C4FM Voice	P25 NAC – Network Access Code
9K80D7W P25 PII fixed end 2-slot TDMA	DMR Color Code
7K60FXE DMR 2-slot TDMA Voice	NXDN RAN - Repeater Access Number
6K00F7W ICOM D-Star	FUSION DSQ – Digital Squelch Code
150KF1D DSTAR DD mode	VIDEO NTSC, MPEC, etc.
8K30F1E NXDN 12.5 kHz voice	
4K00F1E NXDN 6.25 kHz voice	
9K36F7W Yaesu Fusion	
6M00A5J NTSC Video	
20K0D1E TETRA PowerTrunk 4-slot TDMA voice	
20K0D1W TETRA PowerTrunk 4-slot TDMA mixed	
11K2F2D PACKET AFSK 1200bps 2.5 kHz Deviation	
16K0F2D PACKET AFSK 1200bps 4 kHz Deviation	
20K0F2D PACKET AFSK 1200bps 5 kHz Deviation	

Return Form to:

Frequency Coordinator
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