**Iowa Repeater Council, Inc**.

Repeater Coordination Application

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| System Call  |  |  |  |  |  |  |  |  |  |  | Band  |  |  |  |

**Holder of Coordination**

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sponsor** |  |  |  |  |  |  |  |  |  |  | http:// |  |
| 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**

|  |  |  |  |
| --- | --- | --- | --- |
| 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) |  |
| 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 |  | **Return Form to:** |
| 6M00A5J | NTSC Video |  | Frequency Coordinator |
| 20K0D1E | TETRA PowerTrunk 4-slot TDMA voice |  | Iowa Repeater Council, Inc |
| 20K0D1W | TETRA PowerTrunk 4-slot TDMA mixed |  | Roland Newton KC0IEA |
| 11K2F2D | PACKET AFSK 1200bps 2.5 kHz Deviation |  | PO Box 2222 |
| 16K0F2D | PACKET AFSK 1200bps 4 kHz Deviation |  | Ames, Iowa 50010-2222 |
| 20K0F2D | PACKET AFSK 1200bps 5 kHz Deviation |  | coordinator@iowarepeater.org |