

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



Federal Communications Commission
Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: MINNESOTA, STATE OF

MINNESOTA, STATE OF
 395 JOHN IRELAND BLVD., MS730
 SAINT PAUL, MN 55155

Call Sign WQQV902	File Number 0010421729
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002608115

Grant Date 02-17-2023	Effective Date 02-17-2023	Expiration Date 03-13-2033	Print Date 02-18-2023
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** 143 GUNFLINT TRAIL
City: GRAND MARAIS **County:** COOK **State:** MN
Lat (NAD83): 47-45-27.1 N **Long (NAD83):** 090-19-32.2 W **ASR No.:** **Ground Elev:** 214.0
- Loc. 2 Area of operation**
 Operating within a 40.0 km radius around fixed location 1
- Loc. 3 Area of operation**
 Land Mobile Control Station meeting the 6.1 Meter Rule: MN
- Loc. 4 Address:** 22.5 KM N OF
City: TOFTE **County:** COOK **State:** MN
Lat (NAD83): 47-43-24.0 N **Long (NAD83):** 090-49-48.0 W **ASR No.:** 1027976 **Ground Elev:** 574.2
Location 4 Special Condition
 The licensee must employ antenna downtilt in order to ensure that the maximum radiated power toward the horizon (in the vertical plane) in the direction of the border with Canada is 40 watts effective radiated power
- Loc. 5 Area of operation**
 Operating within a 40.0 km radius around fixed location 4
- Loc. 6 Address:** TOP OF EAGLE MOUNTAIN 1.5 MI NW
City: LUTSEN **County:** COOK **State:** MN
Lat (NAD83): 47-39-49.8 N **Long (NAD83):** 090-42-26.7 W **ASR No.:** **Ground Elev:** 483.0
- Loc. 7 Area of operation**
 Operating within a 40.0 km radius around fixed location 6

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: MINNESOTA, STATE OF

Call Sign: WQQV902

File Number: 0010421729

Print Date: 02-18-2023

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000852.73750000	FB2C	1		8K70D1W	100.000	212.000	43.3	-64.8	03-13-2014
1	1	000853.07500000	FB2C	1		8K70D1W	100.000	212.000	43.3	-64.8	03-13-2014
1	1	000854.16250000	FB2C	1		8K70D1W	100.000	212.000	43.3	-64.8	03-13-2014
1	1	000851.21250000	FB2C	1		8K70D1W	100.000	212.000	43.3	-64.8	03-13-2014
1	1	000851.43750000	FB2C	1		8K70D1W	100.000	212.000	43.3	-64.8	03-13-2014
1	1	000852.08750000	FB2C	1		8K70D1W	100.000	212.000	43.3	-64.8	03-13-2014
2	1	000807.08750000	MO	1500		8K10F1E	5.000	5.000			03-13-2014
2	1	000807.73750000	MO	1500		8K10F1E	70.000	70.000			03-13-2014
2	1	000807.73750000	MO	1500		8K10F1E	5.000	5.000			03-13-2014
2	1	000808.07500000	MO	1500		8K10F1E	70.000	70.000			03-13-2014
2	1	000808.07500000	MO	1500		8K10F1E	5.000	5.000			03-13-2014
2	1	000809.16250000	MO	1500		8K10F1E	70.000	70.000			03-13-2014
2	1	000809.16250000	MO	1500		8K10F1E	5.000	5.000			03-13-2014
2	1	000806.21250000	MO	1500		8K10F1E	70.000	70.000			03-13-2014
2	1	000806.21250000	MO	1500		8K10F1E	5.000	5.000			03-13-2014
2	1	000806.43750000	MO	1500		8K10F1E	70.000	70.000			03-13-2014
2	1	000806.43750000	MO	1500		8K10F1E	5.000	5.000			03-13-2014
2	1	000807.08750000	MO	1500		8K10F1E	70.000	70.000			03-13-2014
3	1	000807.73750000	FX1	1500		8K10F1E	70.000	70.000			
3	1	000808.07500000	FX1	1500		8K10F1E	70.000	70.000			

Licensee Name: MINNESOTA, STATE OF

Call Sign: WQQV902

File Number: 0010421729

Print Date: 02-18-2023

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
3	1	000809.16250000	FX1	1500		8K10F1E	70.000	70.000			
3	1	000806.21250000	FX1	1500		8K10F1E	70.000	70.000			
3	1	000806.43750000	FX1	1500		8K10F1E	70.000	70.000			
3	1	000806.78750000	FX1	1500		8K10F1E	70.000	70.000			
3	1	000807.08750000	FX1	1500		8K10F1E	70.000	70.000			
3	1	000807.43750000	FX1	1500		8K10F1E	70.000	70.000			
4	1	000851.21250000	FB2C	1		8K70D1W	100.000	93.000	74.5	174.1	03-24-2015
4	1	000851.43750000	FB2C	1		8K70D1W	100.000	93.000	74.5	174.1	03-24-2015
4	1	000852.08750000	FB2C	1		8K70D1W	100.000	93.000	74.5	174.1	03-24-2015
4	1	000852.73750000	FB2C	1		8K70D1W	100.000	93.000	74.5	174.1	03-24-2015
4	1	000853.07500000	FB2C	1		8K70D1W	100.000	93.000	74.5	174.1	03-24-2015
4	1	000854.16250000	FB2C	1		8K70D1W	100.000	93.000	74.5	174.1	03-24-2015
4	1	000851.78750000	FB2C	1		8K70D1W	100.000	93.000	74.5	174.1	03-24-2015
4	1	000852.43750000	FB2C	1		8K70D1W	100.000	93.000	74.5	174.1	03-24-2015
5	1	000806.21250000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
5	1	000806.21250000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
5	1	000806.43750000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
5	1	000806.43750000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
5	1	000807.08750000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
5	1	000807.08750000	MO	1500		8K10F1E	5.000	5.000			03-24-2015

Licensee Name: MINNESOTA, STATE OF

Call Sign: WQQV902

File Number: 0010421729

Print Date: 02-18-2023

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
5	1	000807.73750000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
5	1	000807.73750000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
5	1	000808.07500000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
5	1	000808.07500000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
5	1	000809.16250000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
5	1	000809.16250000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
6	1	000851.21250000	FB2C	1		8K70D1W	100.000	125.000	34.2	34.2	03-24-2015
6	1	000851.43750000	FB2C	1		8K70D1W	100.000	125.000	34.2	34.2	03-24-2015
6	1	000852.08750000	FB2C	1		8K70D1W	100.000	125.000	34.2	34.2	03-24-2015
6	1	000852.73750000	FB2C	1		8K70D1W	100.000	125.000	34.2	34.2	03-24-2015
6	1	000853.07500000	FB2C	1		8K70D1W	100.000	125.000	34.2	34.2	03-24-2015
6	1	000854.16250000	FB2C	1		8K70D1W	100.000	125.000	34.2	34.2	03-24-2015
6	1	000851.78750000	FB2C	1		8K70D1W	100.000	125.000	34.2	34.2	03-24-2015
6	1	000852.43750000	FB2C	1		8K70D1W	100.000	125.000	34.2	34.2	03-24-2015
7	1	000806.21250000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
7	1	000806.21250000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
7	1	000806.43750000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
7	1	000806.43750000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
7	1	000807.08750000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
7	1	000807.08750000	MO	1500		8K10F1E	5.000	5.000			03-24-2015

Licensee Name: MINNESOTA, STATE OF

Call Sign: WQQV902

File Number: 0010421729

Print Date: 02-18-2023

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
7	1	000807.73750000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
7	1	000807.73750000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
7	1	000808.07500000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
7	1	000808.07500000	MO	1500		8K10F1E	5.000	5.000			03-24-2015
7	1	000809.16250000	MO	1500		8K10F1E	70.000	70.000			03-24-2015
7	1	000809.16250000	MO	1500		8K10F1E	5.000	5.000			03-24-2015

Control Points

Control Pt. No. 1

Address: 1123 Mesaba Avenue

City: Duluth **County:** ST. LOUIS **State:** MN **Telephone Number:** (218)725-2825

Associated Call Signs

WQNH666

<NA>

Waivers/Conditions:

Waiver of 800 MHz Freeze, DA 10-1566 granted 3/12/2013.

Prior to commencing operations on any channel or channels specified under this authorization, the licensee must provide at least 60 days written or electronic notice to Sprint Nextel Corporation that it intends to activate the channel(s) for testing or commencement of operations. Sprint Nextel must cease operation on the channel(s) specified in the notice by the intended date to the extent necessary to comply with the co-channel spacing requirements of § 90.621(b), after which the licensee may activate the channel(s). Sprint Nextel Corporation has established an email box to receive these notifications at 800mhzinterleavedspectrum@sprint.com.

Authorized by waiver of the application freeze in this area granted 3/24/2014.