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Federal Communications Commission Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: MINNESOTA, STATE OF

ATTN: OFFICE OF STATEWIDE RADIO COMM.
MINNESOTA, STATE OF
395 JOHN IRELAND BLVD., MS730
SAINT PAUL, MN 55155

Call Sign WQKS343	File Number 0009745382
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002608115

Grant Date 08-02-2019	Effective Date 10-08-2021	Expiration Date 08-31-2029	Print Date 10-08-2021
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** .317 mi north of intesection of state hiway 47 and township road 111
City: GLEN **County:** AITKIN **State:** MN
Lat (NAD83): 46-27-25.0 N **Long (NAD83):** 093-30-53.4 W **ASR No.:** 1277374 **Ground Elev:** 422.1
- Loc. 2** **Area of operation**
Operating within a 40.0 km radius around fixed location 1
- Loc. 3** **Address:** 2 miles East of Lawler on CR13
City: LAWLER **County:** AITKIN **State:** MN
Lat (NAD83): 46-32-01.9 N **Long (NAD83):** 093-07-53.2 W **ASR No.:** 1248178 **Ground Elev:** 406.0
- Loc. 4** **Area of operation**
Operating within a 40.0 km radius around fixed location 3
- Loc. 5** **Address:** Twp Rd T379 1.8 Mi W Hwy169
City: Hassman **County:** AITKIN **State:** MN
Lat (NAD83): 46-40-08.8 N **Long (NAD83):** 093-38-59.7 W **ASR No.:** 1277653 **Ground Elev:** 370.0
- Loc. 6** **Area of operation**
Operating within a 40.0 km radius around fixed location 5
- Loc. 7** **Address:** QUADNA MOUNTAIN LOOKOUT 800 AIRPORT RD
City: HILL CITY **County:** AITKIN **State:** MN
Lat (NAD83): 46-57-45.0 N **Long (NAD83):** 093-35-13.0 W **ASR No.:** 1230887 **Ground Elev:** 484.3
- Loc. 8** **Area of operation**
Operating within a 40.0 km radius around fixed location 7

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.

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Fixed Location Address or Mobile Area of Operation

Loc. 9 Address: 57349 LOON AVE
City: MCGREGOR County: AITKIN State: MN
Lat (NAD83): 46-50-23.1 N Long (NAD83): 093-15-49.6 W ASR No.: 1270686 Ground Elev: 405.4

Loc. 10 Area of operation
Operating within a 40.0 km radius around fixed location 9

Loc. 11 Address: 18042 220TH ST
City: MCGRATH County: AITKIN State: MN
Lat (NAD83): 46-19-59.1 N Long (NAD83): 093-13-18.1 W ASR No.: Ground Elev: 401.7

Loc. 12 Area of operation
Operating within a 40.0 km radius around fixed location 11

Loc. 13 Area of operation
Land Mobile Control Station meeting the 6.1 Meter Rule: AITKIN county, MN

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	000857.43750000	FB2C	1		8K10F1E	100.000	168.000	104.5	142.3	12-31-2013
1	1	000857.73750000	FB2C	1		8K10F1E	100.000	168.000	104.5	142.3	12-31-2013
1	1	000859.73750000	FB2C	1		8K10F1E	100.000	168.000	104.5	142.3	12-31-2013
1	1	000851.45000000	FB2C	1		8K10F1E	100.000	168.000	104.5	142.3	12-31-2013
1	1	000853.50000000	FB2C	1		8K10F1E	100.000	168.000	104.5	142.3	12-31-2013
2	1	000812.43750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000812.43750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000812.73750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000812.73750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000814.73750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000814.73750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000806.45000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000806.45000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013

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2	1	000808.50000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000808.50000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
3	1	000855.23750000	FB2C	1		8K10F1E	100.000	198.000	76.8	90.5	12-31-2013
3	1	000851.93750000	FB2C	1		8K10F1E	100.000	198.000	76.8	90.5	12-31-2013
3	1	000852.88750000	FB2C	1		8K10F1E	100.000	198.000	76.8	90.5	12-31-2013
3	1	000853.38750000	FB2C	1		8K10F1E	100.000	198.000	76.8	90.5	12-31-2013
3	1	000853.91250000	FB2C	1		8K10F1E	100.000	198.000	76.8	90.5	12-31-2013
4	1	000810.23750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000810.23750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
4	1	000806.93750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000806.93750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
4	1	000807.88750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000807.88750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
4	1	000808.38750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000808.38750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
4	1	000808.91250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000808.91250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
5	1	000851.40000000	FB2C	1		8K10F1E	100.000	184.000	89.3	83.1	12-31-2013
5	1	000852.43750000	FB2C	1		8K10F1E	100.000	184.000	89.3	83.1	12-31-2013
5	1	000852.93750000	FB2C	1		8K10F1E	100.000	184.000	89.3	83.1	12-31-2013

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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	000853.45000000	FB2C	1		8K10F1E	100.000	184.000	89.3	83.1	12-31-2013
5	1	000856.76250000	FB2C	1		8K10F1E	100.000	184.000	89.3	83.1	12-31-2013
6	1	000806.40000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000806.40000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
6	1	000807.43750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000807.43750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
6	1	000807.93750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000807.93750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
6	1	000808.45000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000808.45000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
6	1	000811.76250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000811.76250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
7	1	000856.23750000	FB2C	1		8K10F1E	100.000	230.000	34.1	123.5	12-31-2013
7	1	000857.46250000	FB2C	1		8K10F1E	100.000	230.000	34.1	123.5	12-31-2013
7	1	000859.23750000	FB2C	1		8K10F1E	100.000	230.000	34.1	123.5	12-31-2013
7	1	000852.87500000	FB2C	1		8K10F1E	100.000	230.000	34.1	123.5	12-31-2013
7	1	000857.93750000	FB2C	1		8K10F1E	100.000	230.000	34.1	123.5	12-31-2013
8	1	000811.23750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000811.23750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
8	1	000812.46250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013

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8	1	000812.46250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
8	1	000814.23750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000814.23750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
8	1	000807.87500000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000807.87500000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
8	1	000812.93750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000812.93750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
9	1	000858.23750000	FB2C	1		8K10F1E	100.000	168.000	104.5	126.6	12-31-2013
9	1	000851.90000000	FB2C	1		8K10F1E	100.000	168.000	104.5	126.6	12-31-2013
9	1	000852.40000000	FB2C	1		8K10F1E	100.000	168.000	104.5	126.6	12-31-2013
9	1	000852.91250000	FB2C	1		8K10F1E	100.000	168.000	104.5	126.6	12-31-2013
9	1	000858.96250000	FB2C	1		8K10F1E	100.000	168.000	104.5	126.6	12-31-2013
10	1	000813.23750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000813.23750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
10	1	000806.90000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000806.90000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
10	1	000807.40000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000807.40000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
10	1	000807.91250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000807.91250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013

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10	1	000813.96250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000813.96250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
11	1	000854.98750000	FB2C	1		8K10F1E	100.000	188.000	58.5	69.7	12-31-2013
11	1	000856.48750000	FB2C	1		8K10F1E	100.000	188.000	58.5	69.7	12-31-2013
11	1	000857.96250000	FB2C	1		8K10F1E	100.000	188.000	58.5	69.7	12-31-2013
11	1	000851.91250000	FB2C	1		8K10F1E	100.000	188.000	58.5	69.7	12-31-2013
11	1	000852.41250000	FB2C	1		8K10F1E	100.000	188.000	58.5	69.7	12-31-2013
12	1	000809.98750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000809.98750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
12	1	000811.48750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000811.48750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
12	1	000812.96250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000812.96250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
12	1	000806.91250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000806.91250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
12	1	000807.41250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000807.41250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
13	1	000812.96250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.91250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.41250000	FX1	1500		8K10F1E	70.000	70.000			

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13	1	000812.43750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000812.73750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.73750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.45000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.50000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000810.23750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.93750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.88750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.38750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.91250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.40000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.43750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.93750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.45000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000811.23750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000812.46250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.23750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.87500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.23750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.90000000	FX1	1500		8K10F1E	70.000	70.000			

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13	1	000807.40000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.91250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000809.98750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000811.48750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000811.76250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000812.93750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.96250000	FX1	1500		8K10F1E	70.000	70.000			

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

<NA>

Waivers/Conditions:

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.