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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 WQLN665	File Number 0009745841
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002608115

Grant Date 01-10-2020	Effective Date 10-08-2021	Expiration Date 03-16-2030	Print Date 10-08-2021
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** T.H. 92 5.5 N 41228 State Hwy 92
City: Bagley **County:** CLEARWATER **State:** MN
Lat (NAD83): 47-36-18.5 N **Long (NAD83):** 095-25-32.9 W **ASR No.:** **Ground Elev:** 490.0
- Loc. 2** **Area of operation**
Operating within a 40.0 km radius around fixed location 1
- Loc. 5** **Address:** 1001 Tyler Ave NE
City: Bemidji **County:** BELTRAMI **State:** MN
Lat (NAD83): 47-28-12.6 N **Long (NAD83):** 094-49-18.3 W **ASR No.:** **Ground Elev:** 453.8
- Loc. 6** **Area of operation**
Operating within a 40.0 km radius around fixed location 5
- Loc. 9** **Address:** 18072 Popplewood Rd NE
City: Hines **County:** BELTRAMI **State:** MN
Lat (NAD83): 47-41-31.6 N **Long (NAD83):** 094-37-21.5 W **ASR No.:** **Ground Elev:** 429.0
- Loc. 10** **Area of operation**
Operating within a 40.0 km radius around fixed location 9
- Loc. 13** **Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: MN
- Loc. 14** **Address:** 3919 West Highway 2
City: BEMIDJI **County:** BELTRAMI **State:** MN
Lat (NAD83): 47-30-04.3 N **Long (NAD83):** 094-56-18.3 W **ASR No.:** 1257151 **Ground Elev:** 420.6

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.

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Fixed Location Address or Mobile Area of Operation

Loc. Area of operation

15 Operating within a 40.0 km radius around fixed location 14

Loc. Address: ON MN HWY 89, 1.5 MILES SOUTH OF BELTRAMI CSAH 32.

18 City: LEONARD **County:** BELTRAMI **State:** MN

Lat (NAD83): 47-46-09.9 N **Long (NAD83):** 095-00-07.7 W **ASR No.:** 1290117 **Ground Elev:** 411.5

Location 18 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 125 watts effective radiated power.

Loc. Area of operation

19 Operating within a 40.0 km radius around fixed location 18

Loc. Address: ON CLEARWATER CSAH 62, 500 FEET EAST OF CLEARWATER CSAH 5.

20 City: GONVICK **County:** CLEARWATER **State:** MN

Lat (NAD83): 47-48-13.8 N **Long (NAD83):** 095-25-42.0 W **ASR No.:** 1305587 **Ground Elev:** 366.4

Location 20 Special Condition

Location 20 approved with the use of antenna downtilt to meet the ERP limits of Arrangement F, paragraph 5.3 and 5.4 of the treaty with Canada.

Loc. Area of operation

21 Operating within a 40.0 km radius around fixed location 20

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	000857.48750000	FB2C	1		8K10F1E	100.000	125.000	57.0	102.7	03-16-2014
1	1	000858.21250000	FB2C	1		8K10F1E	100.000	125.000	57.0	102.7	03-16-2014
1	1	000852.10000000	FB2C	1		8K10F1E	100.000	125.000	57.0	102.7	03-16-2014
1	1	000853.46250000	FB2C	1		8K10F1E	100.000	125.000	57.0	102.7	03-16-2014
1	1	000858.76250000	FB2C	1		8K10F1E	100.000	125.000	57.0	102.7	07-21-2012
2	1	000812.48750000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
2	1	000812.48750000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
2	1	000813.21250000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
2	1	000813.21250000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
2	1	000807.10000000	MO	1500		8K10F1E	70.000	70.000			03-16-2014

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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
2	1	000807.10000000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
2	1	000808.46250000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
2	1	000808.46250000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
2	1	000813.76250000	MO	1500		8K10F1E	70.000	70.000			07-21-2012
2	1	000813.76250000	MO	1500		8K10F1E	5.000	5.000			07-21-2012
5	1	000855.71250000	FB2C	1		8K10F1E	100.000	125.000	58.5	89.3	03-16-2014
5	1	000858.48750000	FB2C	1		8K10F1E	100.000	125.000	58.5	89.3	03-16-2014
5	1	000859.71250000	FB2C	1		8K10F1E	100.000	125.000	58.5	89.3	03-16-2014
5	1	000852.43750000	FB2C	1		8K10F1E	100.000	125.000	58.5	89.3	03-16-2014
5	1	000852.93750000	FB2C	1		8K10F1E	100.000	125.000	58.5	89.3	07-21-2012
5	1	000854.53750000	FB2C	1		8K10F1E	100.000	125.000	58.5	89.3	12-17-2020
6	1	000810.71250000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
6	1	000810.71250000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
6	1	000813.48750000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
6	1	000813.48750000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
6	1	000814.71250000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
6	1	000814.71250000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
6	1	000807.43750000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
6	1	000807.43750000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
6	1	000807.93750000	MO	1500		8K10F1E	70.000	70.000			07-21-2012

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6	1	000807.93750000	MO	1500		8K10F1E	5.000	5.000			07-21-2012
6	1	000809.53750000	MO	1500		8K10F1E	70.000	70.000			12-17-2020
6	1	000809.53750000	MO	1500		8K10F1E	5.000	5.000			12-17-2020
9	1	000856.23750000	FB2C	1		8K10F1E	100.000	125.000	58.5	62.8	03-16-2014
9	1	000857.93750000	FB2C	1		8K10F1E	100.000	125.000	58.5	62.8	03-16-2014
9	1	000859.23750000	FB2C	1		8K10F1E	100.000	125.000	58.5	62.8	03-16-2014
9	1	000852.87500000	FB2C	1		8K10F1E	100.000	125.000	58.5	62.8	03-16-2014
9	1	000853.38750000	FB2C	1		8K10F1E	100.000	125.000	58.5	62.8	03-16-2014
10	1	000811.23750000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
10	1	000811.23750000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
10	1	000812.93750000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
10	1	000812.93750000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
10	1	000814.23750000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
10	1	000814.23750000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
10	1	000807.87500000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
10	1	000807.87500000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
10	1	000808.38750000	MO	1500		8K10F1E	70.000	70.000			03-16-2014
10	1	000808.38750000	MO	1500		8K10F1E	5.000	5.000			03-16-2014
13	1	000812.48750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.21250000	FX1	1500		8K10F1E	70.000	70.000			

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Antennas

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13	1	000807.10000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.46250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000810.96250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.26250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.38750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.97500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.88750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000810.71250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.48750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.71250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.43750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000811.93750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.93750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.26250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.93750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000811.46250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000811.23750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000812.93750000	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			

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13	1	000808.38750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.76250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.93750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.40000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.75000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.92500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.30000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.12500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000809.53750000	FX1	1500		8K10F1E	70.000	70.000			
14	1	000851.40000000	FB2C	1		8K10F1E	100.000	232.000	30.5	29.1	08-17-2013
14	1	000851.75000000	FB2C	1		8K10F1E	100.000	232.000	30.5	29.1	08-17-2013
14	1	000851.92500000	FB2C	1		8K10F1E	100.000	232.000	30.5	29.1	08-17-2013
14	1	000852.30000000	FB2C	1		8K10F1E	100.000	232.000	30.5	29.1	08-17-2013
14	1	000853.12500000	FB2C	1		8K10F1E	100.000	232.000	30.5	29.1	08-17-2013
15	1	000806.40000000	MO	1500		8K10F1E	70.000	70.000			08-17-2013
15	1	000806.40000000	MO	1500		8K10F1E	5.000	5.000			08-17-2013
15	1	000806.75000000	MO	1500		8K10F1E	70.000	70.000			08-17-2013
15	1	000806.75000000	MO	1500		8K10F1E	5.000	5.000			08-17-2013
15	1	000806.92500000	MO	1500		8K10F1E	70.000	70.000			08-17-2013
15	1	000806.92500000	MO	1500		8K10F1E	5.000	5.000			08-17-2013

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15	1	000807.30000000	MO	1500		8K10F1E	70.000	70.000			08-17-2013
15	1	000807.30000000	MO	1500		8K10F1E	5.000	5.000			08-17-2013
15	1	000808.12500000	MO	1500		8K10F1E	70.000	70.000			08-17-2013
15	1	000808.12500000	MO	1500		8K10F1E	5.000	5.000			08-17-2013
18	1	000855.96250000	FB2C	1		8K10F1E	100.000	164.000	104.5	112.8	03-18-2016
18	1	000858.26250000	FB2C	1		8K10F1E	100.000	164.000	104.5	112.8	03-18-2016
18	1	000852.38750000	FB2C	1		8K10F1E	100.000	164.000	104.5	112.8	03-18-2016
18	1	000852.97500000	FB2C	1		8K10F1E	100.000	164.000	104.5	112.8	03-18-2016
18	1	000853.88750000	FB2C	1		8K10F1E	100.000	164.000	104.5	112.8	03-18-2016
19	1	000810.96250000	MO	1500		8K10F1E	70.000	70.000			03-18-2016
19	1	000810.96250000	MO	1500		8K10F1E	5.000	5.000			03-18-2016
19	1	000813.26250000	MO	1500		8K10F1E	70.000	70.000			03-18-2016
19	1	000813.26250000	MO	1500		8K10F1E	5.000	5.000			03-18-2016
19	1	000807.38750000	MO	1500		8K10F1E	70.000	70.000			03-18-2016
19	1	000807.38750000	MO	1500		8K10F1E	5.000	5.000			03-18-2016
19	1	000807.97500000	MO	1500		8K10F1E	70.000	70.000			03-18-2016
19	1	000807.97500000	MO	1500		8K10F1E	5.000	5.000			03-18-2016
19	1	000808.88750000	MO	1500		8K10F1E	70.000	70.000			03-18-2016
19	1	000808.88750000	MO	1500		8K10F1E	5.000	5.000			03-18-2016
20	1	000858.93750000	FB2C	1		8K10F1E	100.000	164.000	104.2	97.4	05-30-2020

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20	1	000859.93750000	FB2C	1		8K10F1E	100.000	164.000	104.2	97.4	05-30-2020
20	1	000856.46250000	FB2C	1		8K10F1E	100.000	164.000	104.2	97.4	05-30-2020
20	1	000856.93750000	FB2C	1		8K10F1E	100.000	164.000	104.2	97.4	05-30-2020
20	1	000859.26250000	FB2C	1		8K10F1E	100.000	164.000	104.2	97.4	05-30-2020
21	1	000813.93750000	MO	1500		8K10F1E	70.000	70.000			05-30-2020
21	1	000813.93750000	MO	1500		8K10F1E	5.000	5.000			05-30-2020
21	1	000814.93750000	MO	1500		8K10F1E	70.000	70.000			05-30-2020
21	1	000814.93750000	MO	1500		8K10F1E	5.000	5.000			05-30-2020
21	1	000811.46250000	MO	1500		8K10F1E	70.000	70.000			05-30-2020
21	1	000811.46250000	MO	1500		8K10F1E	5.000	5.000			05-30-2020
21	1	000811.93750000	MO	1500		8K10F1E	70.000	70.000			05-30-2020
21	1	000811.93750000	MO	1500		8K10F1E	5.000	5.000			05-30-2020
21	1	000814.26250000	MO	1500		8K10F1E	70.000	70.000			05-30-2020
21	1	000814.26250000	MO	1500		8K10F1E	5.000	5.000			05-30-2020

Control Points

Control Pt. No. 1

Address: 1000 HIGHWAY 10 WEST

City: DETROIT LAKES **County:** BECKER **State:** MN **Telephone Number:** (218)846-7973

Associated Call Signs

<NA>

Licensee Name: MINNESOTA, STATE OF

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Waivers/Conditions:

NONE

Reference Copy