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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 WQNH665	File Number 0009745450
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851-862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002608115

Grant Date 11-13-2020	Effective Date 10-08-2021	Expiration Date 02-08-2031	Print Date 10-08-2021
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 3 Address:** COUNTY RD 12 15 MI N
City: GRAND MARAIS **County:** COOK **State:** MN
Lat (NAD83): 48-02-19.4 N **Long (NAD83):** 090-26-40.9 W **ASR No.:** **Ground Elev:** 588.9
Location 3 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. 4 Area of operation**
Operating within a 40.0 km radius around fixed location 3
- Loc. 5 Address:** COUNTY RD 12 25 MILES NW OF GRAND MARAIS
City: GRAND MARAIS **County:** COOK **State:** MN
Lat (NAD83): 48-04-42.4 N **Long (NAD83):** 090-45-36.2 W **ASR No.:** **Ground Elev:** 573.9
Location 5 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. 6 Area of operation**
Operating within a 40.0 km radius around fixed location 5
- Loc. 13 Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: COOK county, MN
- Loc. 14 Address:** 3814 THE GRADE
City: TOFTE **County:** COOK **State:** MN
Lat (NAD83): 47-49-57.0 N **Long (NAD83):** 090-49-52.5 W **ASR No.:** **Ground Elev:** 527.0

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

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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: 1557 BALLY CREEK RD.

16 City: GRAND MARAIS **County:** COOK **State:** MN

Lat (NAD83): 47-48-59.6 N **Long (NAD83):** 090-31-06.8 W **ASR No.:** **Ground Elev:** 497.0

Location 16 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

17 Operating within a 40.0 km radius around fixed location 16

Loc. Address: 252 DEVIL FISH OVERLOOK

18 City: HOVLAND **County:** COOK **State:** MN

Lat (NAD83): 47-58-32.6 N **Long (NAD83):** 090-05-46.8 W **ASR No.:** **Ground Elev:** 600.0

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 40 watts effective radiated power.

Loc. Area of operation

19 Operating within a 40.0 km radius around fixed location 18

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	000851.21250000	FB2C	1		8K70D1W	100.000	93.000	54.9	93.0	02-08-2012
3	1	000851.43750000	FB2C	1		8K70D1W	100.000	93.000	54.9	93.0	02-08-2012
3	1	000851.78750000	FB2C	1		8K70D1W	100.000	93.000	54.9	93.0	02-08-2012
3	1	000852.08750000	FB2C	1		8K70D1W	100.000	93.000	54.9	93.0	02-08-2012
3	1	000852.43750000	FB2C	1		8K70D1W	100.000	93.000	54.9	93.0	02-08-2012
3	1	000852.73750000	FB2C	1		8K70D1W	100.000	93.000	54.9	93.0	02-08-2012
3	1	000853.07500000	FB2C	1		8K70D1W	100.000	93.000	54.9	93.0	02-08-2012
3	1	000854.16250000	FB2C	1		8K70D1W	100.000	93.000	54.9	93.0	02-08-2012
4	1	000806.21250000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
4	1	000806.21250000	MO	1500		8K10F1E	5.000	5.000			02-08-2012

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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
4	1	000806.43750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
4	1	000806.43750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
4	1	000806.78750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
4	1	000806.78750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
4	1	000807.08750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
4	1	000807.08750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
4	1	000807.43750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
4	1	000807.43750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
4	1	000807.73750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
4	1	000807.73750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
4	1	000808.07500000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
4	1	000808.07500000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
4	1	000809.16250000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
4	1	000809.16250000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
5	1	000851.21250000	FB2C	1		8K70D1W	100.000	93.000	54.9	104.2	02-08-2012
5	1	000851.43750000	FB2C	1		8K70D1W	100.000	93.000	54.9	104.2	02-08-2012
5	1	000851.78750000	FB2C	1		8K70D1W	100.000	93.000	54.9	104.2	02-08-2012
5	1	000852.08750000	FB2C	1		8K70D1W	100.000	93.000	54.9	104.2	02-08-2012
5	1	000852.43750000	FB2C	1		8K70D1W	100.000	93.000	54.9	104.2	02-08-2012
5	1	000852.73750000	FB2C	1		8K70D1W	100.000	93.000	54.9	104.2	02-08-2012

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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	000853.07500000	FB2C	1		8K70D1W	100.000	93.000	54.9	104.2	02-08-2012
5	1	000854.16250000	FB2C	1		8K70D1W	100.000	93.000	54.9	104.2	02-08-2012
6	1	000806.21250000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
6	1	000806.21250000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
6	1	000806.43750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
6	1	000806.43750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
6	1	000806.78750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
6	1	000806.78750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
6	1	000807.08750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
6	1	000807.08750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
6	1	000807.43750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
6	1	000807.43750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
6	1	000807.73750000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
6	1	000807.73750000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
6	1	000808.07500000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
6	1	000808.07500000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
6	1	000809.16250000	MO	1500		8K10F1E	70.000	70.000			02-08-2012
6	1	000809.16250000	MO	1500		8K10F1E	5.000	5.000			02-08-2012
13	1	000806.21250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.43750000	FX1	1500		8K10F1E	70.000	70.000			

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13	1	000806.78750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.08750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.43750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.73750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.07500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000809.16250000	FX1	1500		8K10F1E	70.000	70.000			
14	1	000854.16250000	FB2C	1		8K70D1W	100.000	93.000	58.5	40.4	06-21-2017
14	1	000853.07500000	FB2C	1		8K70D1W	100.000	93.000	58.5	40.4	06-21-2017
14	1	000851.21250000	FB2C	1		8K70D1W	100.000	93.000	58.5	40.4	06-21-2017
14	1	000852.08750000	FB2C	1		8K70D1W	100.000	93.000	58.5	40.4	06-21-2017
14	1	000852.73750000	FB2C	1		8K70D1W	100.000	93.000	58.5	40.4	06-21-2017
14	1	000851.43750000	FB2C	1		8K70D1W	100.000	93.000	58.5	40.4	06-21-2017
15	1	000809.16250000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
15	1	000809.16250000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
15	1	000808.07500000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
15	1	000808.07500000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
15	1	000806.21250000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
15	1	000806.21250000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
15	1	000807.08750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
15	1	000807.08750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017

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15	1	000807.73750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
15	1	000807.73750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
15	1	000806.43750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
15	1	000806.43750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
16	1	000854.16250000	FB2C	1		8K70D1W	100.000	164.000	58.5	64.8	06-21-2017
16	1	000853.07500000	FB2C	1		8K70D1W	100.000	164.000	58.5	64.8	06-21-2017
16	1	000851.21250000	FB2C	1		8K70D1W	100.000	164.000	58.5	64.8	06-21-2017
16	1	000852.08750000	FB2C	1		8K70D1W	100.000	164.000	58.5	64.8	06-21-2017
16	1	000852.73750000	FB2C	1		8K70D1W	100.000	164.000	58.5	64.8	06-21-2017
16	1	000851.43750000	FB2C	1		8K70D1W	100.000	164.000	58.5	64.8	06-21-2017
17	1	000809.16250000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
17	1	000809.16250000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
17	1	000808.07500000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
17	1	000808.07500000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
17	1	000806.21250000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
17	1	000806.21250000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
17	1	000807.08750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
17	1	000807.08750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
17	1	000807.73750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
17	1	000807.73750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017

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17	1	000806.43750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
17	1	000806.43750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
18	1	000854.16250000	FB2C	1		8K70D1W	100.000	93.000	58.5	152.2	06-21-2017
18	1	000853.07500000	FB2C	1		8K70D1W	100.000	93.000	58.5	152.2	06-21-2017
18	1	000851.21250000	FB2C	1		8K70D1W	100.000	93.000	58.5	152.2	06-21-2017
18	1	000852.08750000	FB2C	1		8K70D1W	100.000	93.000	58.5	152.2	06-21-2017
18	1	000852.73750000	FB2C	1		8K70D1W	100.000	93.000	58.5	152.2	06-21-2017
18	1	000851.43750000	FB2C	1		8K70D1W	100.000	93.000	58.5	152.2	06-21-2017
19	1	000809.16250000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
19	1	000809.16250000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
19	1	000808.07500000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
19	1	000808.07500000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
19	1	000806.21250000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
19	1	000806.21250000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
19	1	000807.08750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
19	1	000807.08750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
19	1	000807.73750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017
19	1	000807.73750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017
19	1	000806.43750000	MO	1500		8K10F1E	70.000	70.000			06-21-2017

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19	1	000806.43750000	MO	1500		8K10F1E	5.000	5.000			06-21-2017

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.

Authorized by waiver of the applcaion freeze in this area granted 3/11/2014.