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**Federal Communications Commission  
Public Safety and Homeland Security Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: SAN FRANCISCO, CITY AND COUNTY OF

ATTN: SYSTEM ADMINISTRATOR  
SAN FRANCISCO, CITY AND COUNTY OF  
200 PAUL AVE.  
SAN FRANCISCO, CA 94124

<b>Call Sign</b> WQXX451	<b>File Number</b>
<b>Radio Service</b> YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
<b>Regulatory Status</b> PMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0001540731

<b>Grant Date</b> 07-06-2016	<b>Effective Date</b> 12-18-2018	<b>Expiration Date</b> 07-06-2026	<b>Print Date</b>
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**STATION TECHNICAL SPECIFICATIONS**

**Fixed Location Address or Mobile Area of Operation**

- Loc. 1** **Address:** GOLDEN CHAIN HWY & MARSHES FLAT ROAD  
**City:** JAMESTOWN **County:** TUOLUMNE **State:** CA  
**Lat (NAD83):** 37-48-17.7 N **Long (NAD83):** 120-19-41.0 W **ASR No.:** **Ground Elev:** 898.5
- Loc. 2** **Address:** COTTONWOOD ROAD & FOREST RTE. 2N48  
**City:** TUOLUMNE **County:** TUOLUMNE **State:** CA  
**Lat (NAD83):** 37-58-06.7 N **Long (NAD83):** 120-07-10.3 W **ASR No.:** **Ground Elev:** 1773.9
- Loc. 3** **Address:** CHERRY LAKE ROAD & FOREST RTE 1N07  
**City:** GROVELAND **County:** TUOLUMNE **State:** CA  
**Lat (NAD83):** 37-55-54.0 N **Long (NAD83):** 119-55-04.0 W **ASR No.:** **Ground Elev:** 1679.4
- Loc. 4** **Area of operation**  
Operating within a 40.0 km radius around fixed location 1
- Loc. 5** **Area of operation**  
Operating within a 40.0 km radius around fixed location 2
- Loc. 6** **Area of operation**  
Operating within a 40.0 km radius around fixed location 3
- Loc. 7** **Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: CA
- Loc. 8** **Address:** CHERRY LAKE ROAD AND FOREST ROUTE 1N07  
**City:** GROVELAND **County:** TUOLUMNE **State:** CA  
**Lat (NAD83):** 37-52-03.6 N **Long (NAD83):** 119-58-27.6 W **ASR No.:** **Ground Elev:** 1239.9

**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: 9000 HETCH HETCHY ROAD  
City: GROVELAND County: TUOLUMNE State: CA  
Lat (NAD83): 37-54-12.7 N Long (NAD83): 119-49-58.9 W ASR No.: Ground Elev: 1575.8

**Loc. 10** Area of operation  
Operating within a 40.0 km radius around fixed location 8

**Loc. 11** Area of operation  
Operating within a 40.0 km radius around fixed location 9

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**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	000859.71250000	FB2	1		9K80D7W	100.000	600.000	32.9	423.4	07-06-2017
1	1	000857.71250000	FB2	1		9K80D7W	100.000	600.000	32.9	423.4	07-06-2017
1	1	000858.71250000	FB2	1		9K80D7W	100.000	600.000	32.9	423.4	07-06-2017
1	1	000856.43750000	FB2	1		9K80D7W	100.000	600.000	32.9	423.4	12-18-2019
1	1	000855.96250000	FB2	1		9K80D7W	100.000	600.000	32.9	423.4	12-18-2019
2	1	000857.71250000	FB2	1		9K80D7W	100.000	350.000	20.7	599.9	07-06-2017
2	1	000858.71250000	FB2	1		9K80D7W	100.000	350.000	20.7	599.9	07-06-2017
2	1	000859.71250000	FB2	1		9K80D7W	100.000	350.000	20.7	599.9	07-06-2017
3	1	000857.71250000	FB2	1		9K80D7W	100.000	350.000	45.1	265.8	07-06-2017
3	1	000858.71250000	FB2	1		9K80D7W	100.000	350.000	45.1	265.8	07-06-2017
3	1	000859.71250000	FB2	1		9K80D7W	100.000	350.000	45.1	265.8	07-06-2017
4	1	000812.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
4	1	000857.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
4	1	000813.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
4	1	000858.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017

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4	1	000814.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
4	1	000859.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
4	1	000811.43750000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
4	1	000810.96250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
4	1	000856.43750000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
4	1	000855.96250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
5	1	000812.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
5	1	000857.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
5	1	000813.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
5	1	000858.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
5	1	000814.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
5	1	000859.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
6	1	000812.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
6	1	000857.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
6	1	000813.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
6	1	000858.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
6	1	000814.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
6	1	000859.71250000	MO	1200		8K10F1W	35.000	70.000			07-06-2017
7	1	000812.71250000	FX1	20		8K10F1W	35.000	35.000			
7	1	000813.71250000	FX1	20		8K10F1W	35.000	35.000			

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7	1	000814.71250000	FX1	20		8K10F1W	35.000	35.000			
7	1	000811.43750000	FX1	20		8K10F1W	35.000	35.000			
7	1	000810.96250000	FX1	20		8K10F1W	35.000	35.000			
8	1	000857.71250000	FB2	1		9K80D7W	100.000	104.700	15.0	44.4	12-18-2019
8	1	000858.71250000	FB2	1		9K80D7W	100.000	104.700	15.0	44.4	12-18-2019
8	1	000859.71250000	FB2	1		9K80D7W	100.000	104.700	15.0	44.4	12-18-2019
9	1	000857.71250000	FB2	1		9K80D7W	100.000	152.000	15.0	-34.8	12-18-2019
9	1	000858.71250000	FB2	1		9K80D7W	100.000	152.000	15.0	-34.8	12-18-2019
9	1	000859.71250000	FB2	1		9K80D7W	100.000	152.000	15.0	-34.8	12-18-2019
10	1	000812.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
10	1	000813.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
10	1	000814.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
10	1	000857.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
10	1	000858.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
10	1	000859.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
11	1	000812.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
11	1	000813.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
11	1	000814.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
11	1	000857.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019
11	1	000858.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019

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11	1	000859.71250000	MO	1200		8K10F1W	35.000	70.000			12-18-2019

**Control Points**

**Control Pt. No. 1**

Address: 1011 TURK STREET

City: SAN FRANCISCO County: SAN FRANCISCO State: CA Telephone Number: (415)558-3884

**Associated Call Signs**

WQXX454

<NA>

**Waivers/Conditions:**

NONE