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

RADIO STATION AUTHORIZATION

LICENSEE: SAN DIEGO, COUNTY OF

SAN DIEGO, COUNTY OF
5595 OVERLAND AVE, SUITE#101
SAN DIEGO, CA 92123

Call Sign WQZX880	File Number
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0001526953

Grant Date 02-05-2020	Effective Date 02-05-2020	Expiration Date 08-03-2020	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** HARMONY HILL 11KM NW OF
City: ESCONDIDO **County:** SAN DIEGO **State:** CA
Lat (NAD83): 33-05-30.1 N **Long (NAD83):** 117-08-36.1 W **ASR No.:** **Ground Elev:** 335.0
- Loc. 2** **Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: SAN DIEGO county, CA
- Loc. 3** **Area of operation**
Countywide: SAN DIEGO, CA
- Loc. 4** **Address:** BLACK MTN., 6 KM W OF
City: POWAY **County:** SAN DIEGO **State:** CA
Lat (NAD83): 32-58-53.2 N **Long (NAD83):** 117-06-59.1 W **ASR No.:** **Ground Elev:** 473.0
- Loc. 5** **Address:** 1510 LA PLAZA DR (Lake San Marcos Peak #8233)
City: SAN MARCOS **County:** SAN DIEGO **State:** CA
Lat (NAD83): 33-06-40.0 N **Long (NAD83):** 117-12-08.0 W **ASR No.:** 1061509 **Ground Elev:** 372.2
- Loc. 6** **Address:** HUBBARD HILL, 125 HUBBARD AVE
City: ESCONDINO **County:** SAN DIEGO **State:** CA
Lat (NAD83): 33-09-09.0 N **Long (NAD83):** 117-04-42.0 W **ASR No.:** **Ground Elev:** 329.0
- Loc. 7** **Address:** MT. SOLEDAD, .5 KM N
City: LA JOLLA **County:** SAN DIEGO **State:** CA
Lat (NAD83): 32-50-23.2 N **Long (NAD83):** 117-15-09.1 W **ASR No.:** **Ground Elev:** 248.0

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.

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Fixed Location Address or Mobile Area of Operation

Loc. 8 Address: 4.5 Miles W-S-W of Ramona (Mt.Woodson 2 #300596)

City: Ramona County: SAN DIEGO State: CA

Lat (NAD83): 33-00-32.8 N Long (NAD83): 116-58-21.2 W ASR No.: 1210536 Ground Elev: 862.2

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	000851.61250000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	128.800	6.0	158.1	
1	1	000851.61250000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	128.800	6.0	158.1	
1	1	000852.57500000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	128.800	6.0	158.1	
1	1	000852.57500000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	128.800	6.0	158.1	
1	1	000853.88750000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	128.800	6.0	158.1	
1	1	000853.88750000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	128.800	6.0	158.1	
2	1	000806.61250000	FX1	500		8K10F1D 8K10F1W 8K70D1W 9K80D7W	15.000	10.000			
2	1	000807.57500000	FX1	500		8K10F1D 8K10F1W 8K70D1W 9K80D7W	15.000	10.000			

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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	000808.88750000	FX1	500		8K10F1D 8K10F1W 8K70D1W 9K80D7W	15.000	10.000			
3	1	000806.61250000	MO	35000		8K10F1D 8K10F1W 8K70D1W 9K80D7W	15.000	10.000			
3	1	000807.57500000	MO	35000		8K10F1D 8K10F1W 8K70D1W 9K80D7W	15.000	10.000			
3	1	000808.88750000	MO	3500		8K10F1D 8K10F1W 8K70D1W 9K80D7W	15.000	10.000			
4	1	000852.57500000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	22.7	336.6	
4	1	000851.61250000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	22.7	336.6	
4	1	000851.61250000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	22.7	336.6	
4	1	000852.57500000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	22.7	336.6	
4	1	000853.88750000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	22.7	336.6	

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4	1	000853.88750000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	22.7	336.6	
5	1	000851.61250000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	25.7	233.3	
5	1	000851.61250000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	25.7	233.3	
5	1	000852.57500000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	25.7	233.3	
5	1	000852.57500000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	25.7	233.3	
5	1	000853.88750000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	25.7	233.3	
5	1	000853.88750000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	25.7	233.3	
6	1	000851.61250000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	19.6	50.3	
6	1	000851.61250000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	19.6	50.3	

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6	1	000852.57500000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	19.6	50.3	
6	1	000852.57500000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	19.6	50.3	
6	1	000853.88750000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	19.6	50.3	
6	1	000853.88750000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	194.900	19.6	50.3	
7	1	000852.57500000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	257.000	13.5	219.0	
7	1	000851.61250000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	257.000	13.5	219.0	
7	1	000851.61250000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	257.000	13.5	219.0	
7	1	000852.57500000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	257.000	13.5	219.0	
7	1	000853.88750000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	257.000	13.5	219.0	

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7	1	000853.88750000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	257.000	13.5	219.0	
8	1	000852.57500000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	363.100	27.0	524.1	
8	1	000851.61250000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	363.100	27.0	524.1	
8	1	000851.61250000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	363.100	27.0	524.1	
8	1	000852.57500000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	363.100	27.0	524.1	
8	1	000853.88750000	FB2	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	363.100	27.0	524.1	
8	1	000853.88750000	FB	1		8K10F1D 8K10F1W 8K70D1W 9K80D7W	100.000	363.100	27.0	524.1	

Control Points

Control Pt. No. 1

Address: 5577 Overland Ave

City: SAN DIEGO **County:** SAN DIEGO **State:** CA **Telephone Number:** (858)571-9580

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Associated Call Signs

WPLW596, WQIJ445, WPLW627, WPNP222, WPMG349, WPYR585

<NA>

Waivers/Conditions:

Special Temporary Authority is authorized on a secondary non-interference basis.

This Special Temporary Authorization may be terminated at the Bureau's discretion, without a hearing, if conditions warrant. Under no circumstances may the facility(ies) authorized herein become a hazard to air navigation or violate the terms of an international agreement or treaty. If an application for permanent authority is on file with the Commission, this action is taken without prejudice to that application. Post and/or retain a copy of this authorization as required by the Commission's Rules.

This STA is for testing of a new Project 25 radio system.