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Federal Communications Commission Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NORTHWEST FIRE/RESCUE DISTRICT

ATTN: FIRE CHIEF
NORTHWEST FIRE/RESCUE DISTRICT
5225 W. MASSINGALE RD.
TUCSON, AZ 85743

Call Sign KWI785	File Number
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0001598820

Grant Date 08-07-2013	Effective Date 02-10-2016	Expiration Date 10-26-2023	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 6200 N LACHOLLA BLVD
City: TUCSON County: PIMA State: AZ
Lat (NAD83): 32-19-16.3 N Long (NAD83): 111-00-39.3 W ASR No.: N/A Ground Elev: 715.0
- Loc. 2** Address: TUCSON MOUNTAINS
City: TUCSON County: PIMA State: AZ
Lat (NAD83): 32-14-57.3 N Long (NAD83): 111-06-59.4 W ASR No.: Ground Elev: 1295.0
- Loc. 3** Address: 4701 N LACHOLLA BLVD
City: TUCSON County: PIMA State: AZ
Lat (NAD83): 32-17-32.3 N Long (NAD83): 111-00-46.3 W ASR No.: N/A Ground Elev: 691.0
- Loc. 4** Address: 4151 W EL CAMINO DEL CERRO
City: TUCSON County: PIMA State: AZ
Lat (NAD83): 32-17-36.3 N Long (NAD83): 111-03-22.3 W ASR No.: N/A Ground Elev: 764.0
- Loc. 5** Address: 13051 N TORTOLITA RD
City: MARANA County: PIMA State: AZ
Lat (NAD83): 32-26-33.3 N Long (NAD83): 111-04-52.4 W ASR No.: N/A Ground Elev: 882.0
- Loc. 6** Address: 4004 S PARK RD
City: TUCSON County: PIMA State: AZ
Lat (NAD83): 32-10-35.3 N Long (NAD83): 111-57-27.5 W ASR No.: N/A Ground Elev: 756.0
- Loc. 7** Area of operation
Operating within a 40.0 km radius around fixed location 1

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 Area of operation**
Operating within a 40.0 km radius around fixed location 5
- Loc. 9 Area of operation**
Operating within a 32.0 km radius around fixed location 1
- Loc. 10 Area of operation**
Operating within a 40.0 km radius around fixed location 2
- Loc. 11 Area of operation**
Operating within a 40.0 km radius around fixed location 3

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	000153.95000000	FB	1		11K2F1D 11K2F3E	100.000	200.000	24.0	0.0	
2	1	000151.24250000	FB2	1		11K2F3E	100.000	19.500	30.0	556.6	02-10-2017
2	1	000151.26500000	FB2	1		11K2F3E	100.000	19.500	30.0	556.6	02-10-2017
3	1	000154.34000000	FB	1		11K2F1D 11K2F3E	60.000	120.000	17.0	-85.4	
3	1	000151.24250000	FB2	1		11K2F3E	50.000	200.000	17.0	-85.4	02-10-2017
3	1	000151.26500000	FB2	1		11K2F3E	50.000	200.000	17.0	-85.4	02-10-2017
4	1	000153.77000000	FB2	1		11K2F1D 11K2F3E	100.000	200.000	19.0	0.0	
4	1	000153.95000000	FB	1		11K2F1D 11K2F3E	100.000	200.000	19.0	0.0	
4	1	000154.25000000	FB	1		11K2F1D 11K2F3E	100.000	200.000	19.0	0.0	
4	1	000154.28000000	FB	1		11K2F1D 11K2F3E	100.000	200.000	19.0	0.0	
4	1	000154.34000000	FB	1		11K2F1D 11K2F3E	100.000	200.000	19.0	0.0	
5	1	000153.77000000	FB2	1		11K2F1D 11K2F3E	100.000	200.000	30.0	0.0	

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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	000153.95000000	FB	1		11K2F1D 11K2F3E	100.000	200.000	30.0	0.0	
5	1	000154.25000000	FB	1		11K2F1D 11K2F3E	100.000	200.000	30.0	0.0	
5	1	000154.28000000	FB	1		11K2F1D 11K2F3E	100.000	200.000	30.0	0.0	
5	1	000154.34000000	FB2	1		11K2F1D 11K2F3E	100.000	200.000	30.0	0.0	
6	1	000151.26500000	FX1	1		11K2F1D 11K2F3E	25.000	50.000	19.0	12.0	
6	1	000155.94000000	FX1	1		11K2F1D 11K2F3E	25.000	50.000	19.0	12.0	
7	1	000151.26500000	MO	150		11K2F1D 11K2F3E	60.000	60.000			
7	1	000153.77000000	MO	150		11K2F1D 11K2F3E	60.000	60.000			
7	1	000153.95000000	MO	150		11K2F1D 11K2F3E	60.000	60.000			
7	1	000154.25000000	MO	150		11K2F1D 11K2F3E	60.000	60.000			
7	1	000154.28000000	MO	150		11K2F1D 11K2F3E	60.000	60.000			
7	1	000154.34000000	MO	150		11K2F1D 11K2F3E	60.000	60.000			
7	1	000155.94000000	MO	150		11K2F1D 11K2F3E	60.000	60.000			
8	1	000153.77000000	FB2T	1		11K2F1D 11K2F3E	100.000	100.000			
9	1	000453.06250000	MO	120		11K2F1D 11K2F2D 11K2F3E	2.000	2.000			11-30-2005

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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
9	1	000458.06250000	MO	120		11K2F1D 11K2F2D 11K2F3E	2.000	2.000			11-30-2005
9	1	000453.06250000	MO3	120		11K2F1D 11K2F2D 11K2F3E	2.000	2.000			11-30-2005
10	1	000155.58000000	MO	150		11K2F3E	60.000	60.000			02-10-2017
10	1	000155.94000000	MO	150		11K2F3E	60.000	60.000			02-10-2017
10	1	000151.26500000	MO	150		11K2F3E	60.000	60.000			02-10-2017
10	1	000151.24250000	MO	150		11K2F3E	60.000	60.000			02-10-2017
11	1	000155.58000000	MO	150		11K2F3E	60.000	60.000			02-10-2017
11	1	000155.94000000	MO	150		11K2F3E	60.000	60.000			02-10-2017
11	1	000151.26500000	MO	150		11K2F3E	60.000	60.000			02-10-2017
11	1	000151.24250000	MO	150		11K2F3E	60.000	60.000			02-10-2017

Control Points

Control Pt. No. 1

Address: 5225 W. MASSINGDALE RD

City: TUCSON **County:** PIMA **State:** AZ **Telephone Number:** (520)887-1010

Control Pt. No. 2

Address: 4004 S. Park Avenue

City: Tucson **County:** PIMA **State:** AZ **Telephone Number:** (520)791-5536

Associated Call Signs

<NA>

Licensee Name: NORTHWEST FIRE/RESCUE DISTRICT

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Waivers/Conditions:

Antenna structures for land, base and fixed stations authorized for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 60.96 meters (200 feet) above ground level; provided that the overall height of such antennas more than 6.10 meters (20 feet) above ground, including their supporting structures (whether natural formation or man-made), do not exceed any of the slope ratios set forth in Section 17.7(b). Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.