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**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: NATIONAL SCIENCE AND TECHNOLOGY NETWORK, INC.

ATTN: TED S. HENRY  
NATIONAL SCIENCE AND TECHNOLOGY NETWORK, INC.  
2050 S BUNDY DRIVE, SUITE 285  
LOS ANGELES, CA 90025

<b>Call Sign</b> WIJ596	<b>File Number</b> 0006383851
<b>Radio Service</b> IG - Industrial/Business Pool, Conventional	
<b>Regulatory Status</b> PMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0006613392

<b>Grant Date</b> 07-19-2014	<b>Effective Date</b> 07-19-2014	<b>Expiration Date</b> 10-13-2024	<b>Print Date</b> 07-19-2014
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**STATION TECHNICAL SPECIFICATIONS**

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

- Loc. 1 Address:** SIERRA PEAK  
**City:** CORONA    **County:** ORANGE    **State:** CA  
**Lat (NAD83):** 33-51-00.1 N    **Long (NAD83):** 117-39-08.2 W    **ASR No.:** N/A    **Ground Elev:** 920.0
- Loc. 2 Address:** RIO HONDO PEAK  
**City:** WHITTIER    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 34-01-08.0 N    **Long (NAD83):** 118-00-48.2 W    **ASR No.:** N/A    **Ground Elev:** 352.0
- Loc. 3 Address:** SAN RAFAEL HILLS  
**City:** GLENDALE    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 34-09-35.0 N    **Long (NAD83):** 118-11-06.3 W    **ASR No.:** N/A    **Ground Elev:** 488.0
- Loc. 4 Address:** SANTA MONICA MOUNTAINS  
**City:** MONTE NIDO    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 34-09-59.0 N    **Long (NAD83):** 118-38-28.3 W    **ASR No.:** N/A    **Ground Elev:** 785.0
- Loc. 5 Address:** MOUNT LUKENS  
**City:** LA CRESCENTA    **County:** LOS ANGELES    **State:** CA  
**Lat (NAD83):** 34-16-08.0 N    **Long (NAD83):** 118-14-20.3 W    **ASR No.:** N/A    **Ground Elev:** 1545.0
- Loc. 6 Area of operation**  
Operating within a 48.0 km radius around fixed location 1
- Loc. 7 Area of operation**  
Operating within a 48.0 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 48.0 km radius around fixed location 2
- Loc. 9 Area of operation  
Operating within a 48.0 km radius around fixed location 2
- Loc. 10 Area of operation  
Operating within a 48.0 km radius around fixed location 3
- Loc. 11 Area of operation  
Operating within a 48.0 km radius around fixed location 3
- Loc. 12 Area of operation  
Operating within a 48.0 km radius around fixed location 4
- Loc. 13 Area of operation  
Operating within a 48.0 km radius around fixed location 4
- Loc. 14 Area of operation  
Operating within a 48.0 km radius around fixed location 5
- Loc. 15 Area of operation  
Operating within a 48.0 km radius around fixed location 5
- Loc. 16 Address: 40 PRESIDENTIAL DRIVE  
City: SIMI VALLEY County: VENTURA State: CA  
Lat (NAD83): 34-15-17.5 N Long (NAD83): 118-49-03.9 W ASR No.: Ground Elev: 310.9

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 meter	Construct Deadline Date
1	1	000472.51250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	30.0	8586.0	
2	1	000472.76250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000	15.0	264.0	
3	1	000472.51250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	57.0	150.0	

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3	1	000472.76250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	57.0	s150.0	
4	1	000472.51250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	35.0	579.0	
4	1	000472.76250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	35.0	579.0	
5	1	000472.51250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	30.0	771.0	
5	1	000472.76250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	30.0	771.0	
6	1	000472.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			

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6	1	000475.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000		s	
7	1	000472.51250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			
7	1	000475.51250000	FX1T	500		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
8	1	000472.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
8	1	000475.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
9	1	000472.76250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			

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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 meter	Construct Deadline Date
9	1	000475.76250000	FX1T	4		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000		s	
10	1	000472.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
10	1	000472.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
10	1	000475.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
10	1	000475.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
11	1	000472.51250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			

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11	1	000472.76250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000		s	
11	1	000475.51250000	FX1T	500		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
11	1	000475.76250000	FX1T	4		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
12	1	000472.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
12	1	000472.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
12	1	000475.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			

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12	1	000475.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000		s	
13	1	000472.51250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			
13	1	000472.76250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			
13	1	000475.51250000	FX1T	500		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
13	1	000475.76250000	FX1T	4		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
14	1	000472.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			

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14	1	000472.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000		s	
14	1	000475.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
14	1	000475.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
15	1	000472.51250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			
15	1	000472.76250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			
15	1	000475.51250000	FX1T	500		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			



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15	1	000475.76250000	FX1T	4		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000		s	
16	1	000472.51250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	15.2	-12.0	03-24-2009

Control Points

Control Pt. No. 1

Address: 2050 S BUNDY DR, SUITE 285

City: LOS ANGELES County: LOS ANGELES State: CA Telephone Number: (310)820-1234

Associated Call Signs

Waivers/Conditions:

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.