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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NATIONAL SCIENCE AND TECHNOLOGY
NETWORK, INC.

ATTN: SPECTRUM MANAGER
NATIONAL SCIENCE AND TECHNOLOGY NETWORK, INC.
22826 MARIPOSA AVE.
TORRANCE, CA 90502

Call Sign WIJ596	File Number 0010086209
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0006613392

Grant Date 07-19-2014	Effective Date 06-11-2022	Expiration Date 10-13-2024	Print Date 06-11-2022
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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

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. 7 Area of operation

Operating within a 48.0 km radius around fixed location 1

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

16 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 meters	Construct Deadline Date
1	1	000472.51250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	30.0	586.0	
2	1	000472.76250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000	15.0	264.0	

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3	1	000472.51250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	57.0	150.0	
3	1	000472.76250000	FB6	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000	57.0	150.0	
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	

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6	1	000472.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
6	1	000475.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
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			

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9	1	000472.76250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			
9	1	000475.76250000	FX1T	4		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
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			

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11	1	000472.51250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			
11	1	000472.76250000	FB6T	1		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	100.000	1000.000			
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			

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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
12	1	000475.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
12	1	000475.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
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			

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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
14	1	000472.51250000	MO	5000		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
14	1	000472.76250000	MO	270		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
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			

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15	1	000475.51250000	FX1T	500		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
15	1	000475.76250000	FX1T	4		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
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

<NA>

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.