

REFERENCE COPY

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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

| | |
|---|----------------------------------|
| Call Sign WIJ490 | File Number 0006053133 |
| Radio Service IG - Industrial/Business Pool, Conventional | |
| Regulatory Status PMRS | |
| Frequency Coordination Number | |

FCC Registration Number (FRN): 0006613392

| | | | |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| Grant Date 12-13-2013 | Effective Date 12-13-2013 | Expiration Date 02-24-2024 | Print Date 12-13-2013 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** MOUNT LUKENS
City: MONTROSE **County:** LOS ANGELES **State:** CA
Lat (NAD83): 34-16-05.0 N **Long (NAD83):** 118-14-13.3 W **ASR No.:** N/A **Ground Elev:** 1540.0
- Loc. 2 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:** 921.0
- Loc. 3**
- Loc. 4 Area of operation**
Operating within a 48.0 km radius around fixed location 1
- Loc. 5 Area of operation**
Operating within a 48.0 km radius around fixed location 1
- Loc. 6 Area of operation**
Operating within a 48.0 km radius around fixed location 2
- Loc. 7 Area of operation**
Operating within a 48.0 km radius around fixed location 2

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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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 | 000471.23750000 | FB6 | 1 | | 11K2F1D 11K2F2D 11K2F3E | 100.000 | 1000.000 | 30.0 | s810.0 | |
| 2 | 1 | 000471.23750000 | FB6 | 1 | | 11K2F1D 11K2F2D 11K2F3E | 100.000 | 1000.000 | 30.0 | 586.0 | |
| 3 | 1 | 000471.23750000 | FB6T | 1 | | 11K2F1D 11K2F2D 11K2F3E | 100.000 | 1000.000 | | | |
| 3 | 1 | 000471.23750000 | FBT | 3 | | 11K2F1D 11K2F2D 11K2F3E | 60.000 | 200.000 | | | |
| 4 | 1 | 000471.23750000 | MO | 10 | | 11K2F1D 11K2F2D 11K2F3E | 60.000 | 200.000 | | | |
| 4 | 1 | 000474.23750000 | MO | 10 | | 11K2F1D 11K2F2D 11K2F3E | 60.000 | 200.000 | | | |
| 5 | 1 | 000474.23750000 | FX1T | 3 | | 11K2F1D 11K2F2D 11K2F3E | 60.000 | 200.000 | | | |
| 6 | 1 | 000471.23750000 | MO | 16 | | 11K2F1D 11K2F2D 11K2F3E | 60.000 | 200.000 | | | |
| 6 | 1 | 000474.23750000 | MO | 16 | | 11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E | 60.000 | 200.000 | | | |
| 7 | 1 | 000474.23750000 | FX1T | 3 | | 11K2F1D 11K2F2D 11K2F3E | 60.000 | 200.000 | | | |

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Control Points

Control Pt. No. 1

Address: 2050 S. Bundy Drive, Suite 285

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

Associated Call Signs

Waivers/Conditions:

NONE