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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><br>WIJ490  | <b>File Number</b><br>0006053133 |
| <b>Radio Service</b><br>IG - Industrial/Business Pool, Conventional |                                  |
| <b>Regulatory Status</b><br>PMRS                                    |                                  |
| <b>Frequency Coordination Number</b>                                |                                  |

FCC Registration Number (FRN): 0006613392

|                                 |                                     |                                      |                                 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| <b>Grant Date</b><br>12-13-2013 | <b>Effective Date</b><br>12-13-2013 | <b>Expiration Date</b><br>02-24-2024 | <b>Print Date</b><br>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<br>11K2F2D<br>11K2F3E                                  | 100.000              | 1000.000    | 30.0               | s810.0         |                         |
| 2       | 1       | 000471.23750000   | FB6      | 1         |            | 11K2F1D<br>11K2F2D<br>11K2F3E                                  | 100.000              | 1000.000    | 30.0               | 586.0          |                         |
| 3       | 1       | 000471.23750000   | FB6T     | 1         |            | 11K2F1D<br>11K2F2D<br>11K2F3E                                  | 100.000              | 1000.000    |                    |                |                         |
| 3       | 1       | 000471.23750000   | FBT      | 3         |            | 11K2F1D<br>11K2F2D<br>11K2F3E                                  | 60.000               | 200.000     |                    |                |                         |
| 4       | 1       | 000471.23750000   | MO       | 10        |            | 11K2F1D<br>11K2F2D<br>11K2F3E                                  | 60.000               | 200.000     |                    |                |                         |
| 4       | 1       | 000474.23750000   | MO       | 10        |            | 11K2F1D<br>11K2F2D<br>11K2F3E                                  | 60.000               | 200.000     |                    |                |                         |
| 5       | 1       | 000474.23750000   | FX1T     | 3         |            | 11K2F1D<br>11K2F2D<br>11K2F3E                                  | 60.000               | 200.000     |                    |                |                         |
| 6       | 1       | 000471.23750000   | MO       | 16        |            | 11K2F1D<br>11K2F2D<br>11K2F3E                                  | 60.000               | 200.000     |                    |                |                         |
| 6       | 1       | 000474.23750000   | MO       | 16        |            | 11K2F1D<br>11K2F2D<br>11K2F3E<br>20K0F1D<br>20K0F2D<br>20K0F3E | 60.000               | 200.000     |                    |                |                         |
| 7       | 1       | 000474.23750000   | FX1T     | 3         |            | 11K2F1D<br>11K2F2D<br>11K2F3E                                  | 60.000               | 200.000     |                    |                |                         |

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**Print Date:** 12-13-2013

**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

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**Associated Call Signs**

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**Waivers/Conditions:**

NONE