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**Federal Communications Commission**  
**Public Safety and Homeland Security Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: NORTH COUNTY FIRE PROTECTION DISTRICT

ATTN: FIRE CHIEF  
 NORTH COUNTY FIRE PROTECTION DISTRICT  
 330 S MAIN AVE  
 FALLBROOK, CA 92028-2938

|                                                               |                                  |
|---------------------------------------------------------------|----------------------------------|
| <b>Call Sign</b><br>KMA229                                    | <b>File Number</b><br>0011043297 |
| <b>Radio Service</b><br>PW - Public Safety Pool, Conventional |                                  |
| <b>Regulatory Status</b><br>PMRS                              |                                  |
| <b>Frequency Coordination Number</b>                          |                                  |

FCC Registration Number (FRN): 0004513719

|                                 |                                     |                                      |                                 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| <b>Grant Date</b><br>10-08-2014 | <b>Effective Date</b><br>04-25-2024 | <b>Expiration Date</b><br>09-20-2024 | <b>Print Date</b><br>04-25-2024 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|

**STATION TECHNICAL SPECIFICATIONS**

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

- Loc. 1** Address: 311 N MINNESOTA ST  
 City: FALLBROOK County: SAN DIEGO State: CA  
 Lat (NAD83): 33-23-02.1 N Long (NAD83): 117-14-45.1 W ASR No.: N/A Ground Elev: 238.0
- Loc. 2** Address: 3662 1/2 E MISSION RD  
 City: FALLBROOK County: SAN DIEGO State: CA  
 Lat (NAD83): 33-24-01.1 N Long (NAD83): 117-11-27.1 W ASR No.: N/A Ground Elev: 493.0
- Loc. 3** Address: CASE SPRINGS RD 13 KM NE OF FALLBROOK  
 City: CAMP PENDLETON County: SAN DIEGO State: CA  
 Lat (NAD83): 33-25-41.1 N Long (NAD83): 117-22-57.1 W ASR No.: N/A Ground Elev: 924.0
- Loc. 4** Address: RED MOUNTAIN 5 KM NW OF  
 City: ESCONDIDO County: SAN DIEGO State: CA  
 Lat (NAD83): 33-14-49.1 N Long (NAD83): 117-04-46.1 W ASR No.: N/A Ground Elev: 552.0
- Loc. 5** Address: PALOMAR MOUNTAIN 11 MI NE  
 City: VALLEY CENTER County: SAN DIEGO State: CA  
 Lat (NAD83): 33-22-26.1 N Long (NAD83): 116-56-58.1 W ASR No.: N/A Ground Elev: 1646.0
- Loc. 6** Area of operation  
 Operating within a 40.0 km radius around fixed location 1
- Loc. 7** Area of operation  
 Operating within a 40.0 km radius around fixed location 2
- Loc. 8** Area of operation  
 Operating within a 40.0 km radius around fixed location 3

**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. 9 Area of operation**  
Operating within a 40.0 km radius around fixed location 4

**Loc. 10 Area of operation**  
Operating within a 40.0 km radius around fixed location 5

**Loc. 11 Address:** ATOP BLACK MTN  
**City:** SAN DIEGO **County:** SAN DIEGO **State:** CA  
**Lat (NAD83):** 32-58-53.2 N **Long (NAD83):** 117-06-59.1 W **ASR No.:** N/A **Ground Elev:** 470.0

**Loc. 12 Area of operation**  
Countywide: SAN DIEGO, CA

**Loc. 13 Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: SAN DIEGO county, CA

**Loc. 14 Area of operation**  
Countywide: SAN DIEGO, CA

**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       | 000153.89000000<br><b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. | FB        | 1         | 100        | 11K2F3E             | 75.000               | 141.000     | 30.0               | 32.0            |                         |
| 1       | 1       | 000154.31000000                                                                                              | FB        | 1         | 100        | 11K2F3E             | 75.000               | 141.000     | 30.0               | 32.0            |                         |
| 1       | 1       | 000153.89000000<br><b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. | FB2       | 1         | 100        | 11K2F3E             | 75.000               | 141.000     | 30.0               | 32.0            | 03-21-2019              |
| 2       | 1       | 000153.89000000<br><b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. | FB2       | 1         | 100        | 11K2F3E             | 75.000               | 113.000     | 30.0               | 231.0           |                         |
| 2       | 1       | 000154.31000000                                                                                              | FB        | 1         | 100        | 11K2F3E             | 75.000               | 113.000     | 30.0               | 231.0           |                         |
| 3       | 1       | 000153.89000000<br><b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. | FB2       | 1         | 100        | 11K2F3E             | 10.000               | 15.000      | 30.0               | 630.0           |                         |
| 3       | 1       | 000154.31000000                                                                                              | FB        | 1         | 100        | 11K2F3E             | 10.000               | 15.000      | 30.0               | 630.0           |                         |
| 4       | 1       | 000153.89000000<br><b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. | FB2       | 1         | 100        | 11K2F3E             | 75.000               | 100.000     | 30.0               | 245.0           |                         |
| 4       | 1       | 000154.31000000                                                                                              | FB        | 1         | 100        | 11K2F3E             | 75.000               | 100.000     | 30.0               | 245.0           |                         |
| 5       | 1       | 000153.89000000<br><b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. | FB2       | 1         | 100        | 11K2F3E             | 5.000                | 7.000       | 15.0               | 897.0           |                         |

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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 meters | Construct Deadline Date |
|---------|---------|-------------------------------------------------------------------------------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 5       | 1       | 000154.31000000                                                                           | FB        | 1         | 100        | 11K2F3E             | 5.000                | 7.000       | 15.0               | 897.0           |                         |
| 6       | 1       | 000150.80500000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 6       | 1       | 000153.89000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 6       | 1       | 000154.31000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 7       | 1       | 000150.80500000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 7       | 1       | 000153.89000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 7       | 1       | 000154.31000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 8       | 1       | 000150.80500000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 8       | 1       | 000153.89000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 8       | 1       | 000154.31000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 9       | 1       | 000150.80500000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 9       | 1       | 000153.89000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 9       | 1       | 000154.31000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 10      | 1       | 000150.80500000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 10      | 1       | 000153.89000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 10      | 1       | 000154.31000000                                                                           | MO        | 55        |            | 11K2F3E             | 100.000              | 100.000     |                    |                 |                         |
| 11      | 1       | 000153.89000000                                                                           | FB        | 1         | 100        | 11K2F3E             | 125.000              | 160.000     | 19.0               | 320.0           | 06-05-2016              |
|         |         | <b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. |           |           |            |                     |                      |             |                    |                 |                         |
| 11      | 1       | 000153.89000000                                                                           | FB2       | 1         | 100        | 11K2F3E             | 125.000              | 160.000     | 19.0               | 320.0           | 06-05-2016              |
|         |         | <b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. |           |           |            |                     |                      |             |                    |                 |                         |
| 12      | 1       | 000150.80500000                                                                           | MO        | 1000      |            | 11K2F3E             | 125.000              | 250.000     |                    |                 | 06-05-2016              |

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|-------------------------------------------------------------------------------------------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 12                                                                                        | 1       | 000153.89000000   | MO        | 1000      |            | 11K2F3E             | 125.000              | 250.000     |                    |                 | 06-05-2016              |
| 13                                                                                        | 1       | 000150.80500000   | FX1       | 200       |            | 11K2F3E             | 125.000              | 250.000     |                    |                 |                         |
| 14                                                                                        | 1       | 000150.80500000   | FX1T      | 10        |            | 11K2F3E             | 125.000              | 250.000     |                    |                 |                         |
| 14                                                                                        | 1       | 000153.89000000   | FB2T      | 1         |            | 11K2F3E             | 125.000              | 160.000     |                    |                 |                         |
| <b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. |         |                   |           |           |            |                     |                      |             |                    |                 |                         |
| 14                                                                                        | 1       | 000153.89000000   | FBT       | 10        |            | 11K2F3E             | 125.000              | 250.000     |                    |                 |                         |
| <b>Frequency 000153.89000000 Special Condition</b><br>Authorization on a secondary basis. |         |                   |           |           |            |                     |                      |             |                    |                 |                         |

**Control Points**

**Control Pt. No. 1**

**Address:** 315 E IVY ST

**City:** FALLBROOK **County:** SAN DIEGO **State:** CA **Telephone Number:** (760)723-2005

**Control Pt. No. 2**

**Address:** 16936 EL FUEGO

**City:** RANCHO SANTA FE **County:** SAN DIEGO **State:** CA **Telephone Number:** (760)756-3006

**Associated Call Signs**

<NA>

**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.