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## Federal Communications Commission

### Wireless Telecommunications Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: LAING ELECTRONICS, INC

ATTN: DOUG LAING  
LAING ELECTRONICS, INC  
10962 MARIAN DR  
GARDEN GROVE, CA 92840-3246

|                                                                |                                  |
|----------------------------------------------------------------|----------------------------------|
| <b>Call Sign</b><br>WQLX970                                    | <b>File Number</b><br>0009037902 |
| <b>Radio Service</b><br>YG - Industrial/Business Pool, Trunked |                                  |
| <b>Regulatory Status</b><br>PMRS                               |                                  |
| <b>Frequency Coordination Number</b>                           |                                  |

**FCC Registration Number (FRN):** 0005749122

|                                 |                                     |                                      |                                 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| <b>Grant Date</b><br>01-20-2021 | <b>Effective Date</b><br>01-20-2021 | <b>Expiration Date</b><br>05-24-2030 | <b>Print Date</b><br>01-20-2021 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|

### STATION TECHNICAL SPECIFICATIONS

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

- Loc. 1 Address:** Near  
**City:** Avalon **County:** LOS ANGELES **State:** CA  
**Lat (NAD83):** 33-23-12.0 N **Long (NAD83):** 118-24-03.0 W **ASR No.:** 1061572 **Ground Elev:** 612.6
- Loc. 2 Address:** Rasnow Peak  
**City:** Newberry Park **County:** VENTURA **State:** CA  
**Lat (NAD83):** 34-09-55.0 N **Long (NAD83):** 118-54-18.3 W **ASR No.:** **Ground Elev:** 483.0
- Loc. 3 Address:** South Mountain  
**City:** Santa Paula **County:** VENTURA **State:** CA  
**Lat (NAD83):** 34-20-00.0 N **Long (NAD83):** 119-01-03.4 W **ASR No.:** **Ground Elev:** 703.0
- 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
- Loc. 8 Area of operation**  
Operating within a 48.0 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 48.0 km radius around fixed location 3

**Loc. Address:** MOUNT LUKENS

**10 City:** LA CRESCENTA **County:** LOS ANGELES **State:** CA

**Lat (NAD83):** 34-16-06.0 N **Long (NAD83):** 118-14-15.3 W **ASR No.:** **Ground Elev:** 1538.0

**Location 10 Special Condition**

Applicant to use a SRL310C4 directional antenna, oriented at 220 degrees, with a maximum ERP of 20.19 watts.

**Loc. Address:** Palos Verdes Peninsula

**11 City:** Rancho Palos Verdes **County:** LOS ANGELES **State:** CA

**Lat (NAD83):** 33-45-27.0 N **Long (NAD83):** 118-21-40.2 W **ASR No.:** 1203963 **Ground Elev:** 400.8

**Loc. Address:** 24500 SADDLE PEAK RD

**12 City:** MALIBU **County:** LOS ANGELES **State:** CA

**Lat (NAD83):** 34-04-32.0 N **Long (NAD83):** 118-39-33.3 W **ASR No.:** **Ground Elev:** 850.0

**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       | 000472.97500000   | FB6       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |
| 1       | 1       | 000471.50000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |
| 1       | 1       | 000471.52500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |
| 1       | 1       | 000471.77500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |
| 1       | 1       | 000472.52500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |
| 1       | 1       | 000472.75000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |
| 1       | 1       | 000472.80000000   | FB6       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |
| 1       | 1       | 000472.82500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |
| 1       | 1       | 000472.85000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 24.0               | 570.0           | 05-24-2011              |

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| 2       | 1       | 000471.50000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 21.0               | 194.0           | 05-24-2011              |
| 2       | 1       | 000471.52500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 21.0               | 194.0           | 05-24-2011              |
| 2       | 1       | 000471.77500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 21.0               | 194.0           | 05-24-2011              |
| 2       | 1       | 000472.52500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 21.0               | 194.0           | 05-24-2011              |
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| 2       | 1       | 000472.85000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 21.0               | 194.0           | 05-24-2011              |
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| 2       | 1       | 000472.97500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 21.0               | 194.0           | 05-24-2011              |
| 3       | 1       | 000471.50000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 17.0               | 446.0           | 05-24-2011              |
| 3       | 1       | 000471.52500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 17.0               | 446.0           | 05-24-2011              |
| 3       | 1       | 000471.77500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 17.0               | 446.0           | 05-24-2011              |

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| 3       | 1       | 000472.80000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 17.0               | 446.0           | 05-24-2011              |
| 3       | 1       | 000472.82500000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 1000.000    | 17.0               | 446.0           | 05-24-2011              |
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| 4       | 1       | 000471.50000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 4       | 1       | 000471.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 4       | 1       | 000471.77500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 4       | 1       | 000472.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 4       | 1       | 000472.75000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 4       | 1       | 000472.80000000   | MO6       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
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| 4       | 1       | 000474.50000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 4       | 1       | 000474.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
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| 4       | 1       | 000475.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 4       | 1       | 000475.75000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 4       | 1       | 000475.80000000   | MO6       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
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| 5       | 1       | 000474.50000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |

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| 5       | 1       | 000474.52500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
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| 5       | 1       | 000475.80000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
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| 5       | 1       | 000475.97500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 6       | 1       | 000471.50000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
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| 6       | 1       | 000475.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 6       | 1       | 000475.75000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
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| 7       | 1       | 000474.50000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 7       | 1       | 000474.52500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
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| 7       | 1       | 000475.52500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 7       | 1       | 000475.75000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 7       | 1       | 000475.80000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 7       | 1       | 000475.82500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 7       | 1       | 000475.85000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 7       | 1       | 000475.90000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 7       | 1       | 000475.97500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 8       | 1       | 000474.77500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000475.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000475.75000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |



Licensee Name: LAING ELECTRONICS, INC

Call Sign: WQLX970

File Number: 0009037902

Print Date: 01-20-2021

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 |
|---------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 8       | 1       | 000475.80000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000475.82500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000475.85000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000475.90000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000475.97500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000471.50000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000471.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000471.77500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000472.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000472.75000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000472.80000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000472.82500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000472.85000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000472.90000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |

Licensee Name: LAING ELECTRONICS, INC

Call Sign: WQLX970

File Number: 0009037902

Print Date: 01-20-2021

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 |
|---------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 8       | 1       | 000472.97500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000474.50000000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 8       | 1       | 000474.52500000   | MO8       | 2700      |            | 4K00F2D<br>4K00F7W  | 75.000               | 200.000     |                    |                 | 05-24-2011              |
| 9       | 1       | 000474.50000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000474.52500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000474.77500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000475.97500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000475.52500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000475.75000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000475.80000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000475.82500000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000475.85000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 9       | 1       | 000475.90000000   | FX1T      | 50        |            | 4K00F2D<br>4K00F7W  | 50.000               | 200.000     |                    |                 |                         |
| 10      | 1       | 000472.75000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 20.190      | 40.0               | 825.1           | 10-14-2015              |

**Licensee Name:** LAING ELECTRONICS, INC

**Call Sign:** WQLX970

**File Number:** 0009037902

**Print Date:** 01-20-2021

#### 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 |
|---------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 10      | 1       | 000472.80000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 20.190      | 40.0               | 825.1           | 10-14-2015              |
| 10      | 1       | 000472.85000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 3.000                | 20.200      | 40.0               | 825.1           | 02-01-2017              |
| 11      | 1       | 000472.75000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 350.000     | 16.1               | 382.5           | 10-14-2015              |
| 11      | 1       | 000472.80000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 350.000     | 16.1               | 382.5           | 10-14-2015              |
| 11      | 1       | 000472.85000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 350.000     | 16.1               | 382.5           | 02-01-2017              |
| 12      | 1       | 000472.75000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 100.000     | 21.3               | 623.5           | 10-14-2015              |
| 12      | 1       | 000472.80000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 100.000     | 21.3               | 623.5           | 10-14-2015              |
| 12      | 1       | 000472.85000000   | FB8       | 1         |            | 4K00F2D<br>4K00F7W  | 100.000              | 100.000     | 21.3               | 623.5           | 02-01-2017              |

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#### Control Points

##### Control Pt. No. 1

**Address:** 10962 MARIAN DR

**City:** Garden Grove **County:** ORANGE **State:** CA **Telephone Number:** (714)534-5200

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#### Associated Call Signs

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<NA>

**Licensee Name:** LAING ELECTRONICS, INC

**Call Sign:** WQLX970

**File Number:** 0009037902

**Print Date:** 01-20-2021

**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.

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.