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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: MADISON AREA TECHNICAL COLLEGE

ATTN: SECURITY DIRECTOR
MADISON AREA TECHNICAL COLLEGE
3550 ANDERSON ST
MADISON, WI 53704

Table with 2 columns: Call Sign (WNGB384), File Number, Radio Service (IG - Industrial/Business Pool, Conventional), Regulatory Status (PMRS), Frequency Coordination Number.

FCC Registration Number (FRN): 0010065860

Table with 4 columns: Grant Date (03-05-2014), Effective Date (03-05-2014), Expiration Date (01-09-2024), Print Date.

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address: 3550 ANDERSON ST, City: MADISON, County: DANE, State: WI, Lat (NAD83): 43-07-13.0 N, Long (NAD83): 089-19-38.4 W, ASR No.: , Ground Elev: 262.0
Loc. 2 Area of operation, Operating within a 32.0 km radius around fixed location 1
Loc. 3 Address: 211 N CARROLL, City: MADISON, County: DANE, State: WI, Lat (NAD83): 43-04-33.1 N, Long (NAD83): 089-23-14.9 W, ASR No.: , Ground Elev: 277.1
Loc. 4 Area of operation, Operating within a 32.0 km radius around fixed location 3
Loc. 5 Area of operation, Land Mobile Control Station meeting the 6.1 Meter Rule: WI
Loc. 6 Area of operation, Operating within a 32.0 km radius around 43-07-13.0 N, 089-19-38.4 W, MADISON, DANE county, WI

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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Print Date:

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       | 000462.77500000   | FB        | 1         | 45         | 11K2F3E<br>20K0F3E<br>4K00F1D<br>4K00F1E | 100.000              | 251.000     | 18.2               | 7.9             |                         |
| 1       | 1       | 000452.02500000   | FB2       | 1         |            | 11K2F3E<br>20K0F3E<br>4K00F1D<br>4K00F1E | 40.000               | 32.000      | 18.2               | 7.9             |                         |
| 1       | 1       | 000452.75000000   | FB2       | 1         |            | 11K2F3E<br>20K0F3E<br>4K00F1D<br>4K00F1E | 40.000               | 32.000      | 18.2               | 7.9             | 10-31-2007              |
| 2       | 1       | 000452.02500000   | MO        | 80        |            | 11K2F3E<br>20K0F3E<br>4K00F1D<br>4K00F1E | 25.000               | 25.000      |                    |                 |                         |
| 2       | 1       | 000457.02500000   | MO        | 80        |            | 11K2F3E<br>20K0F3E<br>4K00F1D<br>4K00F1E | 25.000               | 25.000      |                    |                 |                         |
| 2       | 1       | 000452.75000000   | MO        | 80        |            | 11K2F3E<br>20K0F3E<br>4K00F1D<br>4K00F1E | 25.000               | 25.000      |                    |                 | 08-23-2005              |
| 2       | 1       | 000457.75000000   | MO        | 80        |            | 11K2F3E<br>20K0F3E<br>4K00F1D<br>4K00F1E | 25.000               | 25.000      |                    |                 | 10-31-2007              |
| 3       | 1       | 000461.47500000   | FB2C      | 1         |            | 11K2F3E<br>4K00F1D<br>4K00F1E            | 40.000               | 59.000      | 35.1               | 38.2            | 12-11-2009              |
| 4       | 1       | 000466.47500000   | MO        | 46        |            | 11K2F3E<br>4K00F1D<br>4K00F1E            | 25.000               | 25.000      |                    |                 | 12-11-2009              |
| 5       | 1       | 000466.47500000   | FX1       | 1         |            | 11K2F3E<br>4K00F1D<br>4K00F1E            | 7.000                | 9.000       |                    |                 |                         |

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|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 6       | 1       | 000464.31250000   | MO        | 80        |            | 11K2F3E<br>4K00F1D<br>4K00F1E | 25.000               | 25.000      |                    |                 | 04-04-2014              |
| 6       | 1       | 000469.31250000   | MO        | 80        |            | 11K2F3E<br>4K00F1D<br>4K00F1E | 25.000               | 25.000      |                    |                 | 04-04-2014              |
| 6       | 1       | 000469.18750000   | MO        | 80        |            | 11K2F3E<br>4K00F1D<br>4K00F1E | 25.000               | 25.000      |                    |                 | 04-04-2014              |

**Control Points**

**Control Pt. No. 1**

Address: 3550 ANDERSON ST

City: MADISON County: DANE State: WI Telephone Number: (608)243-4357

**Associated Call Signs**

**Waivers/Conditions:**

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.