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**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: UNIVERSITY OF WISCONSIN

ATTN: JOHN GREELEY  
UNIVERSITY OF WISCONSIN  
1029 D STADIUM CAMP RANDALL  
MADISON, WI 53711

|   |                                  |
|---|----------------------------------|
| <b>Call Sign</b><br>WQAA979   | <b>File Number</b><br>0006457353 |
| <b>Radio Service</b><br>IG - Industrial/Business Pool, Conventional |                                  |
| <b>Regulatory Status</b><br>PMRS                                    |                                  |
| <b>Frequency Coordination Number</b><br>20142370015                 |                                  |

FCC Registration Number (FRN): 0004969952

|                                 |                                     |                                      |                                 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| <b>Grant Date</b><br>02-15-2014 | <b>Effective Date</b><br>10-06-2014 | <b>Expiration Date</b><br>04-26-2024 | <b>Print Date</b><br>10-07-2014 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|

**STATION TECHNICAL SPECIFICATIONS**

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

- Loc. 1 Address:** 1029D STADIUM CAMP RANDALL  
**City:** MADISON    **County:** DANE    **State:** WI  
**Lat (NAD83):** 43-04-13.0 N    **Long (NAD83):** 089-24-46.0 W    **ASR No.:**    **Ground Elev:** 273.0
- Loc. 2 Area of operation**  
Operating within a 24.0 km radius around fixed location 1
- Loc. 3 Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: DANE county, WI
- Loc. 4 Area of operation**  
Operating within the Continental United States.

**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 |
|---------|---------|-------------------|----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|--------------------|
| 1       | 1       | 000464.40000000   | FB2      | 1         |            | 11K2F3E             | 20.000               | 31.000      | 37.0               | 23.7            | 04-26-2005         |
| 2       | 1       | 000469.40000000   | MO       | 285       |            | 11K2F3E             | 30.000               | 30.000      |                    |                 | 04-26-2005         |
| 2       | 1       | 000464.40000000   | MO       | 285       |            | 11K2F3E             | 30.000               | 30.000      |                    |                 | 04-26-2005         |

**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

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|---------|---------|-------------------|-----------|-----------|------------|---|----------------------|-------------|--------------------|-----------------|-------------------------|
| 3       | 1       | 000469.40000000   | FX1       | 1         |            | 11K2F3E   | 20.000               | 20.000      |                    |                 |                         |
| 4       | 1       | 000461.06250000   | MOI       | 35        |            | 11K2F3E<br>4K00F1D<br>4K00F1E<br>8K30F1D<br>8K30F1E | 5.000                | 5.000       |                    |                 |                         |

Frequency 000461.06250000 Special Condition

Operation on this frequency is on a non-interference basis to Canadian operations and you must accept all interference from operations in Canada. Licensee is responsible for resolving any complaints of interference to Canadian systems arising from operations on this frequency, including, if necessary, cessation of such operations.

Control Points

Control Pt. No. 1

Address: 1029 D STADIUM CAMP RANDALL

City: MADISON County: DANE State: WI Telephone Number: (608)265-4705

Associated Call Signs

Waivers/Conditions:

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.