

REFERENCE COPY

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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

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

FCC Registration Number (FRN): 0004969952

| | | | |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| Grant Date 02-15-2014 | Effective Date 10-06-2014 | Expiration Date 04-26-2024 | Print Date 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 Date |
|---------|---------|-------------------|----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 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.

Licensee Name: UNIVERSITY OF WISCONSIN

Call Sign: WQAA979

File Number: 0006457353

Print Date: 10-07-2014

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 |
|---------|---------|-------------------|-----------|-----------|------------|---|----------------------|-------------|--------------------|-----------------|-------------------------|
| 3 | 1 | 000469.40000000 | FX1 | 1 | | 11K2F3E | 20.000 | 20.000 | | | |
| 4 | 1 | 000461.06250000 | MOI | 35 | | 11K2F3E 4K00F1D 4K00F1E 8K30F1D 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.