

REFERENCE COPY

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: UNVERSTY OF MICH. BIOLOGICAL STATION

ATTN: CHARLES SUTTERLEY U/M BIO. STATION
UNIVERSITY OF MICH. BIOLOGICAL STATION
9008 BIOLOGICAL ROAD
PELLSTON, MI 49769

| | |
|---|--------------------|
| Call Sign WPWE365 | File Number |
| Radio Service IG - Industrial/Business Pool, Conventional | |
| Regulatory Status PMRS | |
| Frequency Coordination Number | |

FCC Registration Number (FRN): 0003927902

| | | | |
|---------------------------------|-------------------------------------|--------------------------------------|-------------------|
| Grant Date 02-27-2013 | Effective Date 02-27-2013 | Expiration Date 10-28-2022 | Print Date |
|---------------------------------|-------------------------------------|--------------------------------------|-------------------|

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation

Operating within a 3.0 km radius around 45-34-11.2 N, 084-43-33.6 W,
PELLSTON, CHEBOYGAN county, MI

Location 1 Special Condition

Location 1 Operation north of Line A or east of Line C on frequencies operating with 3 watts or less are not provided interference protection from Canada.

Loc. 2 Area of operation

Statewide: MI

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 | 000467.8500000 | MO | 5 | | 11K2F3E | 2.000 | 2.000 | | | 10-28-2003 |

Frequency 000467.8500000 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.

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 MICH. BIOLOGICAL

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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 |
|--|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1 | 1 | 000467.87500000 | MO | 5 | | 11K2F3E | 2.000 | 2.000 | | | 10-28-2003 |
| Frequency 000467.87500000 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. | | | | | | | | | | | |
| 1 | 1 | 000467.90000000 | MO | 5 | | 11K2F3E | 2.000 | 2.000 | | | 10-28-2003 |
| Frequency 000467.90000000 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. | | | | | | | | | | | |
| 1 | 1 | 000467.92500000 | MO | 5 | | 11K2F3E | 2.000 | 2.000 | | | 10-28-2003 |
| Frequency 000467.92500000 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. | | | | | | | | | | | |
| 1 | 1 | 000467.76250000 | MO | 5 | | 11K2F3E | 2.000 | 2.000 | | | 10-28-2003 |
| Frequency 000467.76250000 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. | | | | | | | | | | | |
| 1 | 1 | 000467.81250000 | MO | 5 | | 11K2F3E | 2.000 | 2.000 | | | 10-28-2003 |
| Frequency 000467.81250000 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. | | | | | | | | | | | |
| 2 | 1 | 000464.55000000 | MOI | 5 | | 11K2F3E | 5.000 | 5.000 | | | |
| Frequency 000464.55000000 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. | | | | | | | | | | | |
| 2 | 1 | 000464.50000000 | MOI | 5 | | 11K2F3E | 5.000 | 5.000 | | | |
| Frequency 000464.50000000 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. | | | | | | | | | | | |

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Control Points

Control Pt. No. 1

Address: 9008 BIOLOGICAL ROAD

City: PETTSTON **County:** CHEBOYGAN **State:** MI **Telephone Number:** (231)539-8408

Associated Call Signs

TEST TEST TEST <NA>

Waivers/Conditions:

NONE