



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

THE PRESIDENT & TRUSTEES OF MIAMI
UNIVERSITY
WILLIAMS HALL
MIAMI UNIVERSITY
OXFORD OH 45056

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Facility Id: 66278

Grant Date: July 25, 1994

Call Sign: WMUB

This license expires 3:00 a.m.
local time, October 01, 1996.

License File Number: BLED-19940407KB

This license covers Permit No.: BPED-910627IK
as modified by Permit No.: BMPED-931102ID

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Name of Licensee: THE PRESIDENT & TRUSTEES OF MIAMI UNIVERSITY

Station Location: OH-OXFORD

Frequency (MHz): 88.5

Channel: 203

Class: B

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power:

Antenna type: Directional

Description: ODD ODD931102ID

Antenna Coordinates: North Latitude: 39 deg 33 min 26 sec
 West Longitude: 84 deg 47 min 35 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	24.5	24.5
Height of radiation center above ground (Meters):	137	144
Height of radiation center above mean sea level (Meters):	442	449
Height of radiation center above average terrain (Meters):	147	154

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 149 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

- 2 A relative field strength of 1.0 on the composite radiation pattern authorized in construction permit BMPED-931102ID corresponds to the following effective radiated power:
24.5 kilowatts.

Principal minima and their associated field strength limits:

- 70 degrees True: 13.42 kilowatts
- 150 degrees True: 0.776 kilowatts
- 288 degrees True: 15.29 kilowatts.

The relative field strength of the measured vertically polarized radiation component shall not exceed the values for the composite radiation pattern authorized by permit BMPED-931102ID along any azimuth. In addition, the relative field of the measured horizontally polarized radiation component shall not exceed the following values along the specified azimuths:

0 degrees:	0.70	120 degrees:	0.14	240 degrees:	0.29
10	0.84	130	0.17	250	0.22
20	0.97	140	0.18	260	0.16
30	1.00	150	0.175	270	0.13
40	1.00	160	0.16	280	0.10
50	1.00	170	0.15	290	0.11
60	0.88	180	0.17	300	0.11
70	0.74	190	0.21	310	0.115
80	0.64	200	0.27	320	0.15
90	0.44	210	0.30	330	0.24
100	0.28	220	0.325	340	0.39
110	0.17	230	0.31	350	0.55

*** END OF AUTHORIZATION ***