



MIAMI UNIVERSITY

WMUB
NPR@88⁵

WILLIAMS HALL
OXFORD, OHIO 45056-2459
(513) 529-5885

May 31, 2006

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Extension of Experimental Broadcast Authorization to
Continue Digital Multicasting for **WMUB**, Oxford, Ohio
Facility ID Number. **66278**

Re: Request for Modification of Tomorrow Radio Experimental
Authorization for **WMUB**, Oxford, Ohio
Facility ID Number. **66278**

Dear Ms. Dortch:

Submitted herewith in duplicate is a request by The President and Trustees of Miami University. for an **extension** and a **modification** of the above-referenced outstanding **experimental** authorization, pursuant to Section 73.1510 of the Commission's Rules, to conduct multi-channel digital operation, using the iBiquity "Tomorrow Radio" system, at noncommercial station **WMUB (FM)**, Oxford, Ohio beginning **June 14, 2006**.

Anti-drug abuse certification: The applicant certifies that to the knowledge of The President and Trustees of Miami University, no party to this request, as defined in 47 C.F.R. Section 1.2002(b), is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Sec. 862.

DA-05-609 specifies that no filing fee is required; and in any event, WMUB is a noncommercial station exempt from filing fees.

If there are any questions about this request, please contact the undersigned.

Sincerely,

T. Cleveland Callison
General Manager, WMUB

Cc: Ms. Ann Gallagher (FCC)
Mr. Michael Starling (NPR)



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Re: Request for Extension of Experimental Broadcast Authorization to
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Facility ID No. 66278

Dear Ms. Dortch:

On behalf of the President and Trustees of Miami University, I am writing to request a twelve (12) month extension of the above-referenced experimental broadcast authorization[s] granted pursuant to Section 73.1510 of the Commission's Rules, 47 C.F.R. Sec. 73.1510. In anticipation of the Commission's permanent authorization of digital radio multicasting, the above-referenced station is continuing to transmit a hybrid digital signal incorporating a second digital audio channel as part of iBiquity Digital Corporation's In-Band On-Channel (IBOC) digital transmission system for FM broadcasting.

Anti-drug abuse certification: The applicant certifies that to the knowledge of The President and Trustees of Miami University, no party to this request, as defined in 47 C.F.R. Section 1.2002(b), is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Sec. 862.

Please direct any questions regarding this matter to the undersigned.

Sincerely,

T. Cleveland Callison
General Manager, WMUB-FM

cc: Audio Division
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554



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445 12th Street, S.W.
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Re: Request for Modification of Tomorrow Radio Experimental
Authorization for WMUB, Oxford, Ohio
Facility ID No. 66278

Dear Ms. Dortch:

This letter is to request a modification of the above-referenced digital multicasting experimental authority, issued pursuant to Section 73.1510 of the Commission's Rules, to operate the iBiquity Digital Corporation's In-Band On-Channel (IBOC) multicasting digital transmission system for FM broadcasting at noncommercial educational FM station WMUB, Facility ID 66278, Oxford, Ohio.

The original experimental authorization permitted WMUB to split the digital signal into a main digital audio channel (Main Program Service) and a secondary digital audio channel (Supplemental Program Service), using the technique as "Tomorrow Radio." We now request authority to demonstrate multiple multicast channels, beyond the second channel, to illustrate the potential of adding specialized public service programs.

Subject to Commission authorization multi-channel testing will be done using modes MP3, and potentially using full extended hybrid mode MP4/MP11. All testing will be conducted in compliance with the NRSC-5A standard and existing FM emission masks on a non-interfering basis.

No charge will be made to, nor any fee collected from, any member of the public in connection with this experimental operation.

The Commission's Public Notice DA-05-609 specifies that no filing fee is required to accompany this request; and in any event, WMUB is exempt from filing fees because it is a noncommercial educational station.

Technical questions may be directed to Jim Keen, Chief Engineer, telephone 513-529-1282 or e-mail: keenjm@muohio.edu. Our multicasting

experimental work is being conducted in collaboration with NPR. The NPR contact is Michael Starling, Vice President, Chief Technical Officer and Executive Director of NPR Labs, telephone (202) 513-2494, e-mail mstarling@npr.org.

Anti-drug abuse certification: The applicant certifies that to the knowledge of The President and Trustees of Miami University, no party to this request, as defined in 47 C.F.R. Section 1.2002(b), is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Sec. 862.

Sincerely,

A handwritten signature in black ink that reads "T. Cleveland Callison III". The signature is written in a cursive style with a long horizontal flourish extending to the right.

T. Cleveland Callison
General Manager, WMUB



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STAMP & RETURN

WMUB
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RECEIVED

JUN - 2 2006

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Office of Secretary

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T. Cleveland Callison
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