

Stamp and Return

Minnesota  
Public  
Radio

June 17, 2005

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street SW  
Washington, DC 20554

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Federal Communications Commission  
Office of Secretary

Re: Request for Tomorrow Radio<sup>sm</sup> Experimental Authorization (47 C.F.R. § 73.1510)  
for Radio Station WIRR (FM), Virginia/Hibbing, MN FCC Facility ID # 42957

Dear Ms. Dortch:

This letter is submitted on behalf of Minnesota Public Radio, licensee of non-commercial FM broadcast station WIRR-FM, Virginia/Hibbing, MN (the Station) hereby requesting an experimental authorization pursuant to Section 73.1510 of the FCC Rules for testing of iBiquity Digital Corporation's In-Band On-Channel (IBOC) digital transmission system for FM broadcasting. The proposed tests will split the digital signal into a main digital audio channel (Main Program Service, or MPS) and one or more additional digital audio channels (Supplemental Program Service, or SPS) using a technique known to the broadcast industry as National Public Radio's "Tomorrow Radio<sup>sm</sup>" multicasting.

The Station proposes to conduct experimental digital broadcast multicasting operation as authorized in FCC Public Notice DA 05-609 dated 8 March 2005. Under the experimental authorization we are requesting, MPR will operate the Station with a modified version of the FM hybrid IBOC system approved by the Commission in its Report and Order in Mass Media Docket 99-325, adopted 11 October 2002.

The test requires additional digital audio coders to support the additional channels. The occupied bandwidth of the digital sidebands will remain as specified in Appendix B of the IBOC Order. The hybrid signal will be transmitted via the Station's authorized antenna system and will not require a change in the Station's authorized analog or digital ERP.

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

Experimental authority is respectfully requested for operation of the Station, commencing immediately upon authorization. The Station is a noncommercial educational station, so no filing fee is required to accompany this request.

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Questions related to this request may be directed to Mitzi T Gramling, Associate General Counsel of Minnesota Public Radio, telephone 651-290-1259, e-mail [mgramling@mpr.org](mailto:mgramling@mpr.org).

Anti-Drug Abuse Certification: Applicant hereby certifies that no party to the application is subject to a denial of federal benefits, including FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

I certify that the statements made in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Sincerely,



Thomas J Kigin  
Executive Vice President

cc: Ann Gallagher  
Audio Division  
Media Bureau  
Federal Communications Commission  
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