

**FEDERAL COMMUNICATIONS COMMISSION
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**MEDIA BUREAU
AUDIO DIVISION
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October 24, 2012

Anne Lucey
Senior Vice President for Regulatory Policy
CBS Corporation
601 Pennsylvania Avenue NW, Suite 540
Washington, DC 20004-2601

In re: CBS Radio Holdings, Inc.
WBCN(AM), Charlotte, North Carolina
Facility Identification Number: 87037
Request for Experimental Authorization

Dear Ms. Lucey:

The staff has before it a request for an experimental Authorization, filed October 18, 2012, on behalf CBS Radio Holdings, Inc. ("CBS"). CBS requests authority to conduct experimental operations at the site of Station WBCN(AM),¹ in order to perform tests of the all-digital transmission mode as defined in the iBiquity AM Transmission System Specifications for HD Radio.²

CBS proposes to conduct the experimental operation on the licensed WBCN frequency of 1660 kHz with antenna input power not to exceed the licensed 10 kW daytime and 1 kW nighttime, or such lesser power as may be appropriate. CBS proposes no changes to the licensed antenna system or transmitter. CBS states that the experimental operation will be conducted in conjunction with the National Association of Broadcasters and iBiquity Digital Corporation. CBS further states that it is believed that the testing will be of significant value to the broadcast industry in demonstrating a possible solution to the delivery of AM broadcasts in the presence of an ever increasing noise floor. CBS requests experimental authorization for a period of 90 days commencing on November 1, 2012.

Our review indicates that the proposed experimental operation meets the requirements of Section 73.1510 of the Commission's rules and that the proposed experimental operation is not likely to result in interference to any other station. We find that the Public Interest will be served by the

¹ WBCN is licensed for operation on 1660 kHz, with 10 kilowatts daytime and 1 kilowatt nighttime, employing a nondirectional antenna (ND-2-U).

² See *Digital Audio Broadcasting Systems and Their Impact on the Terrestrial Radio Broadcast Service*, MM Docket No. 99-325.

knowledge gained through full-power testing of the all-digital AM transmission system. Although the analog AM broadcast service provided by Station WBCN must be discontinued during the time that all-digital broadcasting is being transmitted, the Charlotte community is well served by other AM and FM radio stations.

Accordingly, the request for Experimental Authorization IS HEREBY GRANTED. Station WBCN may operate with an all-digital signal as described above. Operation under this authority shall be terminated if complaints of interference are received, unless the interference can be eliminated immediately by power reduction or other technical means. CBS shall employ whatever means are necessary to prevent excessive exposure of workers or the public to radio frequency radiation, pursuant to Section 1.1310. Within 60 days following completion of the experimental operation authorized herein, CBS shall file a full report of the research, experimentation and results with the Commission, pursuant to Section 73.1510(d).

This authorization expires on **February 2, 2013**.

Sincerely,

A handwritten signature in blue ink, appearing to read "Charles N. Miller".

Charles N. Miller, Engineer
Audio Division
Media Bureau

cc: Raymond C. Benedict
John W. Bagwell, Esq.