

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 12<sup>th</sup> STREET, SW**  
**WASHINGTON, DC 20554**

**MEDIA BUREAU**  
**AUDIO DIVISION**  
**APPLICATION STATUS:** (202) 418-2730  
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January 28, 2016

Melodie A. Virtue, Esq.  
Garvey Schubert Barer  
1000 Potomac Street, NW  
Suite 200  
Washington, DC 20007-3501

Re: KOJB(FM), Cass Lake, Minnesota  
Leech Lake Band of Ojibwe  
Facility ID No. 173472  
File No. 20151228BFR

**Request for Extension of  
Experimental Authority**

Dear Counsel:

The staff has under consideration the December 28, 2015, request for extension of experimental authority<sup>1</sup> submitted on behalf of Leech Lake Band of Ojibwe (LLBOO), licensee of noncommercial educational FM Station KOJB(FM), Cass Lake, Minnesota,<sup>2</sup> to permit Station KOJB(FM) to continue to conduct testing of single sideband multiplex stereo transmission. The experimental authority is requested pursuant to Section 5.203 of the Commission's Rules<sup>3</sup> for a period of one year.

The request states that LLBOO is seeking further experimental authority to continue to operate Station KOJB(FM) with a technology developed by Omnia Audio known as single sideband suppressed carrier ("SSBSC") modulation of the stereo subcarrier in the FM multiplex baseband signal for further testing. In support of the extension request, LLBOO submitted an interim report detailing the progress and results of the testing undertaken during the experimental program as required by the experimental authorization. The report states that there is a perceived reduction in multipath interference and improved coverage in difficult to penetrate structures using the SSBSC technology. Additionally, LLBOO states that it has not received any reports of

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<sup>1</sup> File No. 20151228BFR.

<sup>2</sup> File No. BLED-20110920ABY.

<sup>3</sup> 47 CFR § 5.203 (Section 5.203).

interference or decreased audio fidelity resulting from the currently authorized Station KOJB(FM) experimental operation.<sup>4</sup>

Our review shows that the LLBOO request for extension of experimental authority for Station KOJB(FM) meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the request is HEREBY GRANTED. This experimental authority expires on **January 28, 2017**. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and the results obtained must be submitted within 90 days following the conclusion of the experimental operation. Any request for further extension of this experimental authority should be filed at least 30 days prior to the expiration date of the authority. Additionally, an extension request must include an interim report that details the progress of the experimental operation as of the filing date of the request.

Sincerely,

A handwritten signature in blue ink, appearing to read "Susan N. Crawford", is positioned above the typed name and title.

Susan N. Crawford  
Audio Division  
Media Bureau

cc: Leech Lake Band of Ojibwe

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<sup>4</sup> File No. 20140804AEE.