

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/media/audio/

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January 26, 2017

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. 20170103ACA

**Request for Extension of
Experimental Authority**

Dear Counsel:

The staff has under consideration the January 3, 2017, request for extension of experimental authority¹ submitted on behalf of Leech Lake Band of Ojibwe (LLBOO), licensee of noncommercial educational FM Station KOJB(FM), Cass Lake, Minnesota,² to permit 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 Rules³ for a period of one year.

The request states that LLBOO is seeking further experimental authority to continue to operate 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

¹ File No. 20151228BFR.

² File No. BLED-20110920ABY.

³ 47 CFR § 5.203 (Section 5.203).

interference or decreased audio fidelity resulting from the currently authorized KOJB(FM) experimental operation.⁴

Our review shows that the LLBOO request for extension of experimental authority for 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 26, 2018**. 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.

Susan N. Crawford
Senior Engineer
Audio Division
Media Bureau

cc: Leech Lake Band of Ojibwe

⁴ File No. 20151228BFR.