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In re: KPNT(FM), Collinsville, IL
St. Louis FCC License Sub, LLC
Facility ID No.: 56525
File No. 20181221AAO

**Request for Extension of
Experimental Authority**

Dear Counsel:

The staff has under consideration the above-referenced December 21, 2018, request for extension of experimental authority¹ (Request), submitted on behalf of St. Louis FCC License Sub, LLC (St. Louis), licensee of FM Station KPNT(FM), Collinsville, Illinois,² to permit KPNT 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.³

In the Request, St. Louis is seeking extension of its current experimental authority to permit KPNT to continue operating using technology developed by Omnia Audio known as single sideband suppressed carrier (SSBSC) modulation of the stereo subcarrier in the FM multiplex baseband signal (SSBSC modulation technology) for further testing. In support of the Request, as required, St. Louis submitted an interim report detailing the methodology employed and the progress and results of its testing under its current experimental authorization. In the report, St. Louis states that the results of the current experimental operation using SSBSC modulation technology are favorable based on listening tests, using several different types of receivers, that show that multipath distortion of the KPNT signal appears to be reduced in known problem areas.

¹ File No. 20170802AFL (granted 8/10/2017).

² File No. BLH-20130125ABQ.

³ 47 C.F.R. § 5.203 (Section 5.203).

The St. Louis request for extension of experimental authority for KPNT meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the request IS HEREBY GRANTED. This experimental authority expires on August 10, 2019. This authority is specifically conditioned on 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 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 version of the aforementioned report that details the progress of the experimental operation as of the filing date of the request.

Sincerely,

Arthur E. Doak

Arthur E. Doak
Senior Engineer
Audio Division
Media Bureau

cc: St. Louis FCC License Sub, LLC