

**OUT-OF-CORE DISPLACEMENT APPLICATION**  
**BMP 100.5 FM, LP**  
**KNEX-LP LPTV STATION**  
**CH 42 - 638-644 MHZ - 15.0 KW**  
**LAREDO, TEXAS**  
**August 2011**

**TECHNICAL STATEMENT**

This Technical Statement and attached exhibits were prepared on behalf of BMP 100.5 FM, LP ("BMP"), licensee of LPTV station KNEX-LP, Channel 55N, Laredo, Texas. BMP herein seeks permission to displace into the core TV spectrum, vacating Channel 55. In the Second Report and Order, MB Docket #03-185, released July 15, 2011, LPTV stations operating above Channel 51 were notified that they must submit an application for displacement from out-of-core channels before September 1, 2011 and must cease operation on the out-of-core channels no later than December 31, 2011. BMP herein submits his application seeking to transition from Channel 55 to Channel 42 for KNEX-LP. The proposed displaced facility will operate in a digital mode.

The antenna system for the proposed KNEX-LP facility is to be located on an existing structure. Therefore, the Federal Aviation Administration was not apprised of this proposal. The antenna supporting structure has been registered with the Commission and assigned Antenna Structure Registration Number 1051406.

The proposed displaced LPTV facility's operation on Channel 42 complies with the Commission's interference rules, based on the use of the Longley-Rice OET-69 Bulletin. It is

noted that the terrain was sampled at 0.1 kilometer, and a signal cell size of 1.0 kilometer was used with 2000 Census population reviews. Exhibit A is a tabulation of the results of the Longley-Rice review showing that the proposed facility causes no interference to any other existing, applied for, or proposed facility, based on the database used on the indicated study date.

No full service station receives predicted interference above 0.5% of its population as a result of this instant proposal. No secondary LPTV station receives predicted interference above 2.0% of its population as a result of this instant proposal. Exhibit B is a review which shows the proposed Channel 42 digital antenna is in compliance with the Commission's RF exposure limits.

All other data used to certify compliance with the Commission's rules has been forwarded to BMP and is available for submission to the Commission on request.<sup>1</sup>

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1) The undersigned is certifying only the radio frequency exposure portion of the environmental analysis. All data regarding TV facilities was extracted from the CDBS database on the date of the interference study included herein. We assume no liability for errors or omissions in that database which may be adverse to the request made herein.