

Technical Statement
and Exhibits
in support of a
NEW Commercial FM Translator
Construction Permit

Completes Short Form Application
BNPFT-20030317MJB

Channel 300

Mounds, OK

March 22, 2013

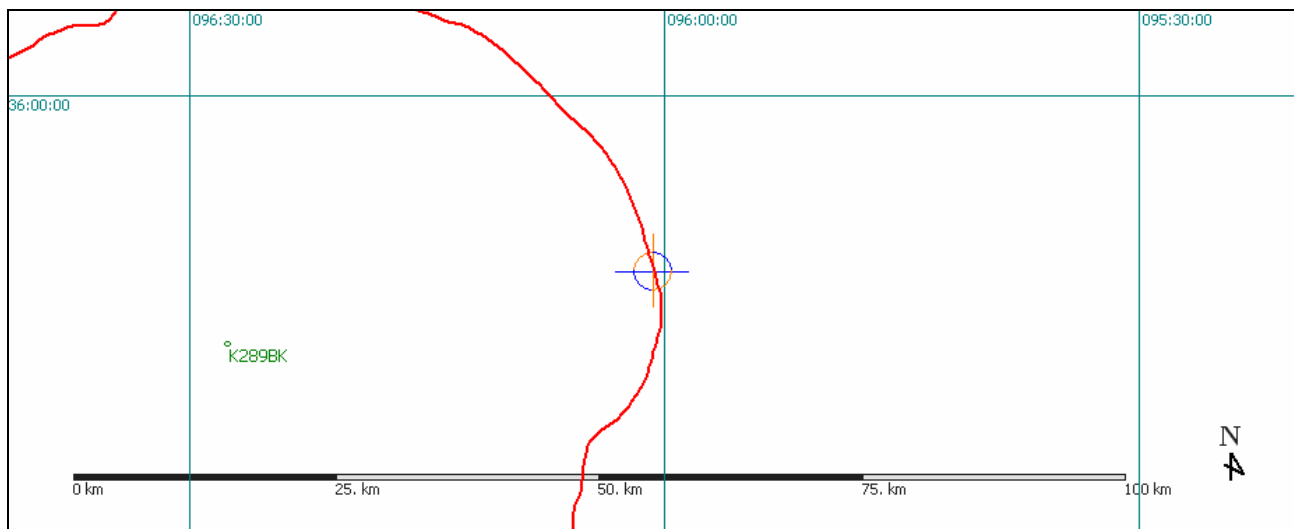
EXHIBIT III-3

PRIMARY STATION SIGNAL DELIVERY NEW COMMERCIAL FM TRANSLATOR CHANNEL 300 MOUNDS, OK

The FM translator proposed in the instant application is a non-fill-in translator operating on a non-reserved channel. Therefore, it is required to obtain the programming of the primary station via an off-air signal.¹

The facility will rebroadcast the programming of KIOP (FID #175518) licensed to Prague, OK. The Applicant has obtained written authorization to rebroadcast that signal on the facility proposed herein from the licensee of KIOP.

The programming from KIOP will be obtained via the off-air signal of K289BK (FID #157419) licensed to Bristow, OK. The Applicant is the licensee of K289BK. The Applicant possesses written authorization to rebroadcast the programming of KIOP on K289BK and has done so continuously since September 21, 2012.²



The quality of the signal from K289BK at the transmitter site proposed herein is more than sufficient to provide a reliable source of programming to the proposed FM translator. As

¹ 47 C.F.R. § 74.1231(b).

² BLFT-20120921ACU.

demonstrated above, the signal strength of K289BK at the proposed transmitter site is approximately 38.5 dBu.³ Additionally, the Applicant has visited the proposed tower site and confirmed that an acceptable off-air signal from K289BK can be received directly at that location.

The Applicant respectfully submits that the foregoing demonstrates that the translator proposed in the instant application will be able to receive the signal of the primary station pursuant to 47 CFR § 74.1231(b).

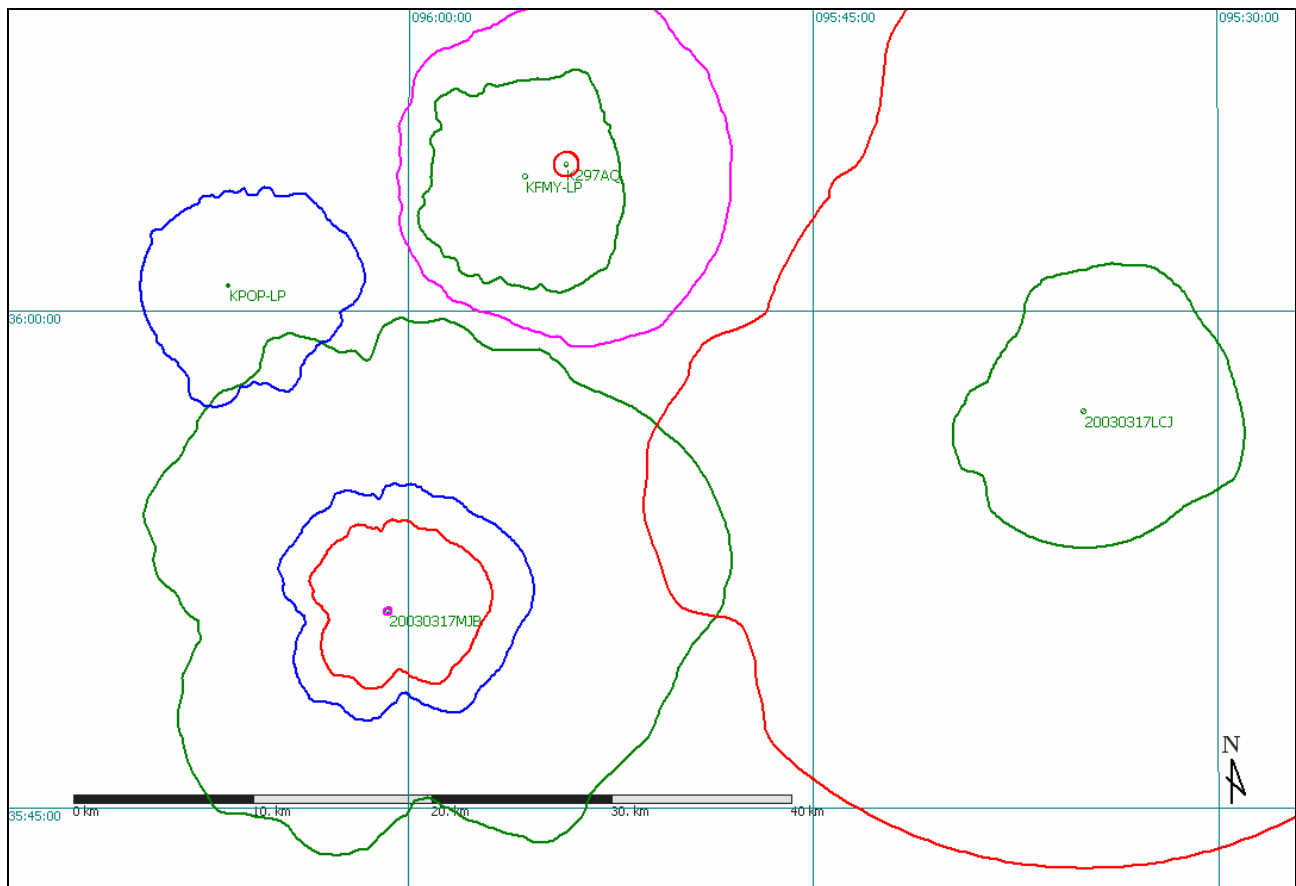
³ Calculated pursuant to 47 C.F.R. § 73.313.

EXHIBIT III-12

INTERFERENCE AND OVERLAP REQUIREMENTS NEW COMMERCIAL FM TRANSLATOR CHANNEL 300 MOUNDS, OK

The following study illustrates that the proposed facility will not create prohibited overlap⁴ to any other licensed facility or pending application.

The green contours represent co-channel interfering (40 dBu) to co-channel protected (60 dBu) contours. Blue contours represent first-adjacent channel interfering (54 dBu) to first-adjacent protected (60 dBu) contours. Magenta contours represent second and third-adjacent channel interfering (100 dBu) to second and third-adjacent protected (60 dBu) contours. Red contours represent co-channel protected (60 dBu) to co-channel interfering (40 dBu) contours.



⁴ 47 C.F.R. § 74.1204.

EXHIBIT III-15

RF EXPOSURE ANALYSIS NEW COMMERCIAL FM TRANSLATOR CHANNEL 300 MOUNDS, OK

The proposed facility was evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The proposed facility will operate on an existing tower with a radiation centerline at 77.0 meters above ground level (AGL) and an ERP of 10 watts on Channel 300 operating with circular polarization. The Applicant intends to use a single-bay Jampro JLCP.

At 2 meters above ground, at 15.6 meters from the base of the tower, this proposal will contribute 0.12 microwatts per square centimeter, or less than 0.06 percent of the allowable ANSI limit for uncontrolled exposure, and 0.01 percent of the allowable limit for controlled exposure. This figure is significantly less than 5% of the applicable FCC exposure limit at all locations extending out from the base of the tower. Section 1.1307(b)(3) excludes applications when the calculated level is predicted to be less than 5% of the applicable exposure limit. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access by a substantial fence and locked gate. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.