AMENDED TECHNICAL EXHIBIT

APPLICATION FOR CONSTRUCTION PERMIT
FOR
TRANSLATOR STATION

ST. GEORGE, UT
CH 242D 10 WATTS 56 M

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INTRODUCTION

This technical exhibit has been prepared on behalf of MB Media Group, Inc., in support of an amendment to an application for a translator station in St. George, UT, and is a minor amendment as defined by 47 CFR § 741233 (a)(1). The purpose of this amendment is to change frequency and reduce power in order to eliminate prohibited overlap to co-channel full service stations. No new MX situation is being created with another FM translator application.

This proposal would not be subject to environmental processing in accordance with Section 1.1306. It is believed that this proposal conforms to all applicable rules and regulations of the FCC.

Proposed Station Data

Input Frequency: 104.7 MHz.
Output Frequency: 96.3 MHz.
Output Channel: 242
ERP: 10 watts
Class: D

Proposed Antenna Location

The geographic coordinates (NAD 27) of the proposed site are as follows:

North Latitude: 37-03-49
West Longitude: 113-34-22

Transmitting Antenna

ANTENNA: Shively Model 6810, non-directional.

Interference

The proposed station will be located on Webb Hill, a communications site serving the St. George, UT area. The predicted F(50, 50) 60 dBu coverage (green) is shown in Figure 1.

Overlap with the proposed station and the contours of any pertinent co, first, second, third adjacent channel and IF spaced stations, are shown in Table 1 and Figures 2-5.

Co-channel stations are shown in Figure 2. The F(50,50) 60 dBu contour of the proposed station is shown in green and the F(50,10) 40 dBu interfering contour is shown in red. Contour colors of pertinent stations are reversed. Since there is no same color overlap, there is no overlap with any co-channel stations.

First adjacent channel stations are shown in Figure 3. The F(50,50) 60 dBu contour of the proposed station is shown in green and the F(50,10) 54 dBu interfering contour is shown in orange. Contour colors of pertinent stations are reversed. Since there is no same color overlap, there is no overlap with any first adjacent channel stations.

Second adjacent channel stations are shown in Figures 4 and 5. The F(50,50) 60 dBu contour of the proposed station is shown in green and the F(50,10) 100 dBu interfering contour is shown in blue. Contour colors of pertinent stations are reversed. There is contour overlap with second adjacent channel stations, but the overlap occurs over unpopulated area.

Figure 6 illustrates the 100 dBu contour of the proposed station superimposed on a USGS map. Although contour overlap occurs, it is over a small, unpopulated area. FCC 02-244, Section II.A.6 states that USGS quadrangles *"have been recognized as acceptable to demonstrate lack of population."* As demonstrated on the quadrangle maps, there are no populated structures or highways within the contours. The contours encompass a road, but it is a road for access to the transmitter site. Hence, in accordance with 47 CFR § 74.1204 (d) and in FCC 02-244, a lack of population has been demonstrated within the area of interference.

There are no pertinent third adjacent channel or IF spaced stations.

The interfering contours of the proposed station and new co-channel translator stations in Cedar City, UT and Beaver, UT, as governed by 47 CFR § 74.1204 (a) (3) and displayed in Figure 2, show that there is no contour overlap creating an MX situation.

Unattended Operation

The proposed station will comply with all rules and requirements regarding unattended operation.

Multiple Translators

The applicant certifies that it does not have any interest in an FM translator that serves substantially the same area and that rebroadcasts the same signal as the proposed translator.

Environmental Considerations

The station will operate with an effective radiated power of 10 watts into a Shively 6810, 1-bay antenna. As the ERP of the proposed station is less than 100 watts, it is in compliance with 47 CFR § 1.1307 (b) (4) (i).

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Distance_km
KZHK	NV	BUNKERVILLE	95.9	240	82000	C	CP	68.23
KZHK	UT	ST. GEORGE	95.9	240	100000	C	LIC	25.12
NEW	UT	BEAVER	96.3	242	115	D	APP	158.31
NEW	UT	CEDAR CITY	96.3	242	250	D	APP	68.65
KKLZ	NV	LAS VEGAS	96.3	242	100000	C	CP	173.77
KKLZ	NV	LAS VEGAS	96.3	242	100000	C	LIC	173.73
K244DU	UT	ST. GEORGE	96.7	244	35	D	LIC	0.05
KHIJ	NV	MESQUITE	96.7	244	93000	C	CP MOD	68.23

TABLE 1: Pertinent first, second, third adjacent, and IF channel stations spaced with proposed station.