

KLEIN BROADCAST ENGINEERING, L.L.C.

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**FCC FORM 301 APPLICATION
for
FM BROADCAST STATION CONSTRUCTION PERMIT
WINTON ROAD BROADCASTING COMPANY, L.L.C.
NEW (FM)
FM CHANNEL 299 C1 / 107.7 mHz.
SHIPROCK , NEW MEXICO**

MARCH 2006

INTRODUCTION and ENGINEERING STATEMENT

The firm of Klein Broadcast Engineering, L.L.C., has been retained by the applicant, Winton Road Broadcasting Company, L.L.C., to prepare this FCC Form 301 application. The application is being filed as a result of the applicant being notified as being the winning bidder in FM Broadcast Auction #62 for the Class C1 allotment on FM Channel 299, 107.7mHz at Shiprock, New Mexico. This allotment was listed as MM-FM426-C1 in the auction and subsequent FCC Public Notice DA-06-252.

The application specifies Class C1 facilities with maximum of 100.0 kW E.R.P. in both the Horizontal and Vertical Planes. The applicant proposes the use of an EPA Type 3 antenna. The antenna specified is an Electronics Research, Inc.(ERI) , SHPX-10AC. The antenna is described as an ten (10) bay, 1.0 lambda spaced, center fed, FM antenna array. The antenna specified uses no beam tilt and uses no null fill.

The proposed Class C1 facility is specified as follows:

Geographic Coordinate Site Location:	NL: 36-46-44 / WL: 108-43-14 (NAD-1927)
Overall Antenna Support Structure Height above Ground Level:	149 meters
Height of Radiation Center Above Mean Sea Level:	1628 meters
Height of Radiation Center Above Ground Level:	130 meters
Height of Radiation Center Above Average Terrain:	63 meters
Effective Radiated Power H&V:	100.0kW

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If there were any radials with calculated negative elevations were treated as if they had an elevation of 30 meters for the purposes of contour calculations, within this application, as specified in 47 C.F.R. 73.313.

Exhibit E-1 is an FM Channel Spacing Study under 47 CFR Section 73.207. This exhibit was prepared using the proposed coordinates specified. This exhibit shows the proposed C1 facility on FM Channel 299 is “clear”, under 47 C.F.R. Section 73.207, to all known stations, vacant and proposed Allotments.

Exhibit E-2 is a contour map showing the proposed 60dBu f(50,50) and 70dBu f(50,50) service contours. The proposed 70dBu contour completely encompasses the Principal Community of Shiprock, New Mexico. The City Limit Boundaries for Shiprock, New Mexico, are shown on the map and were produced from the 2000 U.S. Census Data.

Exhibit E-10RHS is a complete and comprehensive RF Radiation Hazard Study/Evaluation of the facility proposed in the instant application. Based on the calculations and findings contained therein, the proposed new main class C1 transmission facility proposed for the NEW FM Broadcast Station at Shiprock, New Mexico, complies with all of the requirements of the FCC O.S.T. Bulletin, Guidelines for Human Exposure to Non-Ionizing Radio Frequency Radiation, as amended to date.

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An analysis of the engineering and other data presented herein demonstrates compliance of the proposed facility with all of the applicable Rules and Regulations of the Federal Communications Commission as amended to date. Therefore, the applicant requests the Commission consider and GRANT the application for the facility specified herein for a NEW-FM Broadcast Station Construction Permit at Shiprock, New Mexico, on FM Channel 299 C1.

Respectfully submitted,

Elliott Kurt Klein, Consulting Broadcast Engineer

For the firm:

KLEIN BROADCAST ENGINEERING, L.L.C.

06 MARCH 2006