

NEW 260D, PRESCOTT, AZ

EXHIBIT 10

ENGINEERING STATEMENT

St. Paul Bible College ("SPBC") is an applicant for a new FM translator at Prescott, Arizona (BNPFT-20030312AAD, FCC Identification Number 142731). This application has been declared to be a singleton, and SPBC has been invited to file a complete form 349. The instant application is being tendered in response to that invitation, and proposes a different site.

Exhibit 10.1 illustrates the calculation of the height above average terrain (HAAT) of each of 12 equally-spaced radials from the proposed center of radiation, pursuant to 47 CFR §74.1235. Since several radials exceed 541 meters HAAT, SPBC proposes the minimum ERP in the regulation, 0.01 kW. Exhibit 10.2 is a contour map of the proposed community coverage.

Exhibit 12 contains the interference spacing study, showing that the SPBC proposal is clear to all records in the database, except where noted. Exhibits 12.1 through 12.3 are contour maps of the proposal into the short or close records, KESZ, New-X Jerome, KRPH(CP), K258AL, K258AL(CP) and K264AZ(CP) showing that the proposal fully protects all these records. The proposal is 9.6 kilometers short to KNAQ, which is 53 channels removed in frequency. Since SPBC proposes 0.01 kW, less than 0.1 kW, the proposal should be treated as a Class D station not subject to intermediate frequency separation requirements, pursuant to 47 CFR §74.1204(g). The proposal thus meets the requirements of 47 CFR §74.1204. The proposal is located 278.7 kilometers from the nearest point on the Mexican Border, and thus requires Mexican coordination. It clears the coordination distances to all observatories and monitoring stations.

Exhibit 16 is a study of the radio-frequency radiation impact of the SPBC proposal, calculated using formula 7 from Section II of OET 65, and assuming a "worse case" scenario, i.e. that the entire maximum effective radiated power were also directed downward. This study predicts that the power density at ground level would be 9 $\mu\text{W}/\text{cm}^2$. This value is 4.5 percent of the general population/uncontrolled exposure limit contained in 47 CFR §1.1310 for FM radio (200 $\mu\text{W}/\text{cm}^2$). Pursuant to 47 CFR §1.1307(b)(3), multiple-user site contributions of 5 percent of the applicable limit or less do not require further environmental study. SPBC affirms that it will suspend transmission as necessary to prevent RF exposure to workers in excess of the cited regulation. Since no tower construction is proposed, no other environment impacts are known to exist from the SPBC proposal.

The above and attached information is true and correct as to my knowledge and belief.

June 12, 2008



Gary O. Keener

NEW 260D, PRESCOTT, AZ

EXHIBIT 10.1

HAAT CALCULATION

06-12-2008

Project: KPRESP
 Site Coordinates: 34-29-20 North 112-32-15 West
 NGDC 30-Second Database is used in Continental US
 DEM-30 Database is used in AK, HI, and PR.

Azimuth	Elevation	HAAT	60 dBu
0	1798	333	6.8 km
30	1683	448	11.7 km
60	1749	382	10.2 km
90	1878	253	4.0 km
120	1940	191	0.3 km
150	1773	358	0.3 km
180	1495	636	0.8 km
210	1533	598	0.8 km
240	1445	686	0.8 km
270	1492	639	0.6 km
300	1602	529	0.2 km
330	1800	331	0.4 km

	Data in (feet)	meters
Overall Height Above Average Terrain:	(1,473)	449 *
Site Elevation AMSL:	(6,972)	2,125
Antenna Height Above Ground Level:	(19)	6
Antenna Center Above Sea Level:	(6,991)	2,131
Overall Ground Average Terrain AMSL:	(5,518)	1,682
Effective Radiated Power:	0.0100 kW	*
TV/FM Channel:	260	

KTS – SAN ANTONIO 210-828-4555 gkeener@pdigm-inc.com
NEW 260D, PRESCOTT, AZ **EXHIBIT 10.2**
COMMUNITY COVERAGE - CONTOUR MAP

**CONTOURS BASED
ON FCC CURVES**

60 dBu

**COMMUNITY
OF LICENSE**

**MAP BASE:
2003 DELORME**

Iron Springs

Prescott Valley

Dewey

Humboldt

Mayer

Skull Valley

Kirkland