

EXHIBIT A

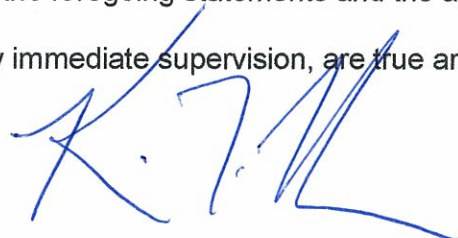
ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of SYDCOM, INC., permittee of digital Low Power Television Station K27JJ-D, Channel 27 in Forbes, Texas, in support of this application for modification of Construction Permit BDCCDTL-20070326ABF to specify operation from a new site. K27JJ-D is the digital companion channel facility of analog LPTV station K59IL.

It is proposed to mount a standard ERI (Andrew) directional antenna at the 137-meter level of an existing 152-meter communications tower. Exhibit B is a map upon which the predicted service contours are plotted. It is important to note that the proposed 51 dBu contour continues to encompass a significant portion of the Grade A contour that obtains from the authorized K59IL facility. Operating parameters for the proposed facility are tabulated in Exhibit C. An interference study is provided in Exhibit D, and a power density calculation follows as Exhibit E.

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. In addition, the FCC has assigned Antenna Structure Registration Number 1008747 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.



KEVIN T. FISHER

September 28, 2009

CONTOUR POPULATION

51 DBU : 48,840

41 DBU : 99,975

Smith and Fisher

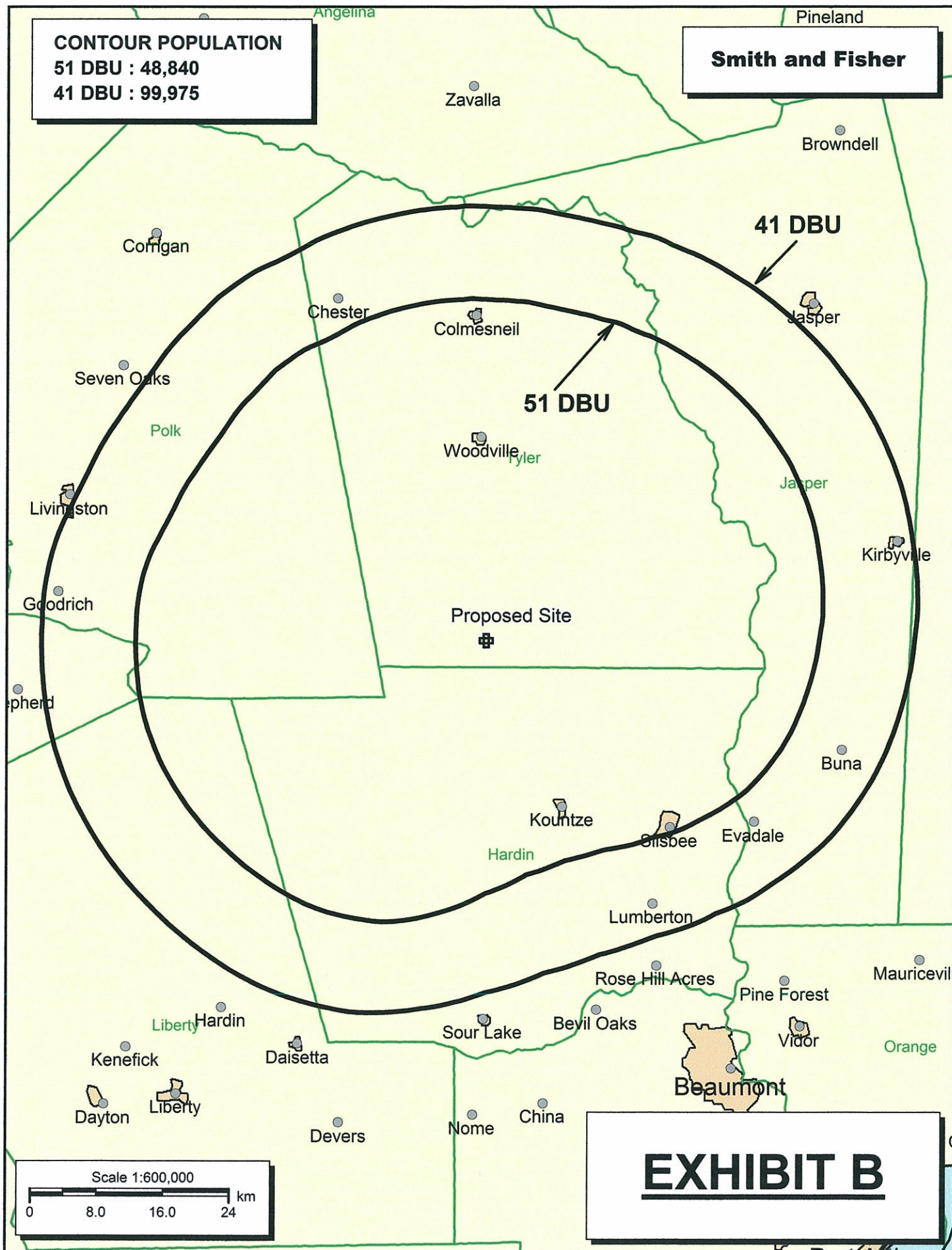


EXHIBIT B

EXHIBIT C

PROPOSED OPERATING PARAMETERS

PROPOSED K27JJ-D
CHANNEL 27 – FORBES, TEXAS
[MODIFICATION OF BDCCDTL-20070326ABF]

Transmitter Power Output:	1.0 kw
Transmission Line Efficiency:	55.6%
Antenna Power Gain – Toward Horizon:	13.63
Antenna Power Gain – Main Lobe:	13.63
Effective Radiated Power – Toward Horizon:	7.6 kw
Effective Radiated Power – Main Lobe:	7.6 kw
Transmitter Make and Model:	Type-accepted
Rated Output	1.0 kw
Transmission Line Make and Model:	Andrew LDF7-50A
Size and Type:	1-5/8" foam heliax
Length:	475 feet*
Antenna Make and Model:	ERI AL8W
Orientation	340° T
Beam Tilt	1.75 degrees
Radiation Center Above Ground:	137 meters
Radiation Center Above Mean Sea Level:	176 meters

*estimated

EXHIBIT D-1

LONGLEY-RICE INTERFERENCE STUDIES
PROPOSED K27JJ-D
CHANNEL 27 – FORBES, TEXAS
[MODIFICATION OF BDCCDTL-20070326ABF]

We conducted detailed interference studies using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to all facilities of concern. The software utilizes a 1-square kilometer cell size, calculates signal strength at 1.0 kilometer increments along each radial studied, and employs the 2000 U.S. Census to count population within cells. In addition, the program does not attribute interference to the proposed facility in cells within the protected contour of the station under study where interference from another source (other than proposed K27JJ-D) already is predicted to exist (also known as "masking"). The results of these studies are provided in Exhibit D-2. They conclude that the facility proposed herein causes no significant new interference to any of the potentially affected stations.

As a result, it is believed that the proposed K59IL-D facility complies with the requirements of Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030 of the Commission's Rules.

INTERFERENCE SUMMARY

PROPOSED K27JJ-D
CHANNEL 27 – FORBES, TEXAS

[MODIFICATION OF BDCCDTL-20070326ABF]

<u>Call Sign</u>	<u>Status</u>	<u>City, State</u>	<u>Ch.</u>	<u>Longley-Rice Service Population</u>	<u>Unmasked Interference From Proposed Facility</u>	<u>%</u>
KETK-LD BDCCDTL-20070417AAS	CP	Lufkin, TX	27	152,353	106	<0.1

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED K27JJ-D
CHANNEL 27 – FORBES, TEXAS

[MODIFICATION OF BDCCDTL-20070326ABF]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Forbes facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 7.6 kw, an antenna radiation center 137 meters above ground, and the vertical pattern of the ERI antenna, maximum power density two meters above ground of 0.00043 mw/cm^2 is calculated to occur 122 meters north-northwest of the base of the tower. Since this is only 0.1 percent of the 0.37 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 27 (548-554 MHz), this proposal may be excluded from consideration with respect to public exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.