

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of PAPPAS TELECASTING OF THE GULF COAST, L.P., licensee of digital television station KVVV-LD, Channel 15 in Houston, Texas, in support of its Request for Special Temporary Authority (STA) to operate a temporary reduced facility at the licensed KVVV-LD site while the power amplifier is replaced. The instant request operates at 75% of the licensed power or 11.25 kW of effective radiated power

It is proposed to operate with a MCI directional antenna mounted at the 493-meter level of the existing 601-meter tower from which KVVV-LD presently operates. Exhibit B is a map upon which the predicted service contours of the STA facility are plotted. A map showing the STA service contour in relation to the licensed KVVV-LD service contour is provided in Exhibit C. As shown, the STA facility's predicted 41 dBu service contour is completely contained within that of the licensed KVVV-LD facility. As a result, and since this proposal is for a temporary facility, no interference study is provided herein. Exhibit D is the proposed operating parameters of the facility. A power density calculation appears in Exhibit E.

It is not expected that the proposed facility would cause objectionable interference to any other broadcast or non-broadcast station operating at or near the KVVV-LD site. However, if such should occur, the owner of this station recognizes its obligation to take whatever corrective actions are necessary.

EXHIBIT A

Since no change in overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. In addition, the FCC issued Antenna Structure Registration Number 1064696 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.



KYLE T. FISHER

April 10, 2012

CONTOUR POPULATIONS

51 DBU : 4,023,675

41 DBU : 4,412,063

SMITHANDFISHER

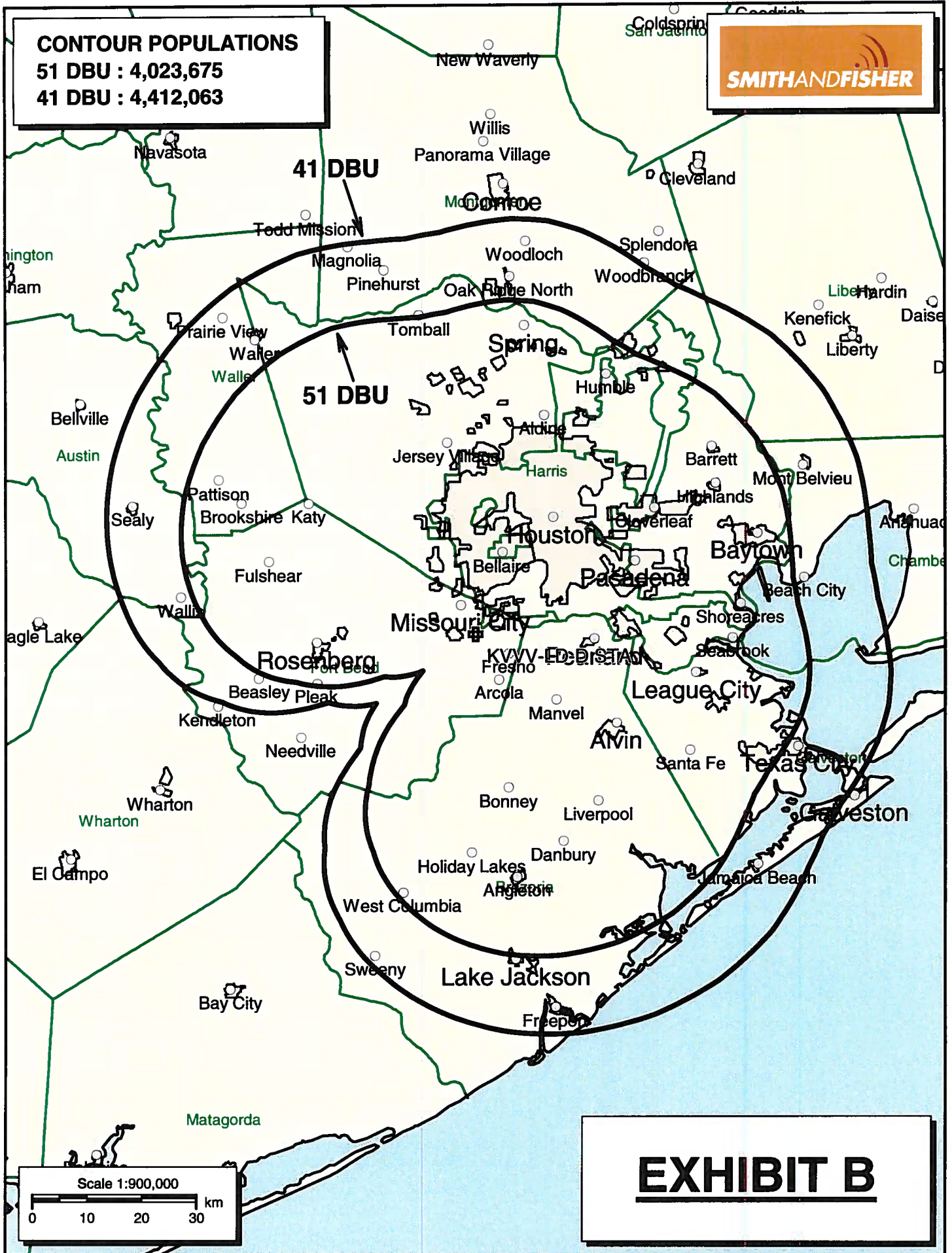


EXHIBIT B

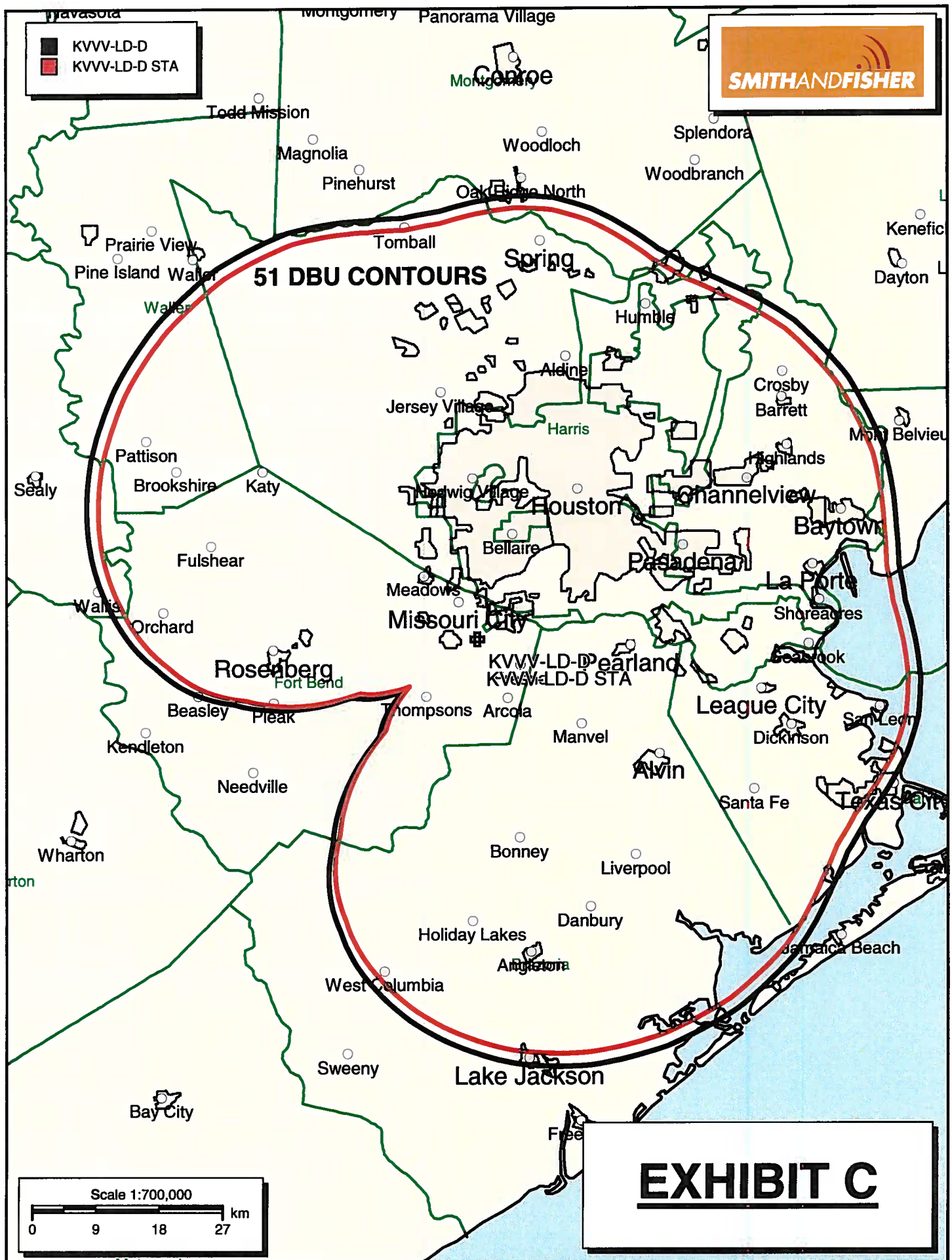


EXHIBIT D

PROPOSED OPERATING PARAMETERS

**PROPOSED KVVV-LD STA
CHANNEL 15 – HOUSTON, TEXAS**

Transmitter Power Output:	3.6 kW
Transmission Line Efficiency:	41.5%
Antenna Power Gain – Toward Horizon:	7.6
Antenna Power Gain – Main Lobe:	7.6
Effective Radiated Power – Toward Horizon:	11.25 kW
Effective Radiated Power – Main Lobe:	11.25 kW
Transmitter Make and Model:	Type-accepted
Transmission Line Make and Model:	Andrew MACX-350
Size and Type:	3-1/8" rigid
Length:	1805 feet*
Antenna Make and Model:	MCI 955212
Orientation	55 degrees true
Beam Tilt	none
Radiation Center Above Ground:	492.6 meters
Radiation Center Above Mean Sea Level:	516 meters

*Estimated

POWER DENSITY CALCULATION

PROPOSED KVV-LD STA
CHANNEL 15 – HOUSTON, TEXAS

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Houston facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 11.25 kW, an antenna radiation center 493 meters above ground, and the elevation pattern of the MCI antenna, maximum power density two meters above ground of 0.000015 mw/cm^2 is calculated to occur 330 meters northeast of the base of the tower. Since this is less than 0.1 percent of the 0.32 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 15 (476-482 MHz), a grant of this proposal may be considered a minor environmental action with respect to public and occupational ground-level 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.