

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of CHRISTIAN BROADCASTING OF YAKIMA, in support of its Application for Construction Permit for a new digital low power television station on Channel 19 in Yakima, Washington.

It is proposed to mount a standard Andrew (ERI) directional antenna at the 10-meter level of an existing 26-meter communications tower. Exhibit B is a map upon which the predicted service contours are plotted. 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. The FCC issued Antenna Structure Registration Number 1258286 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

October 5, 2010



CONTOUR POPULATION
51 DBU : 181,154
41 DBU : 216,146

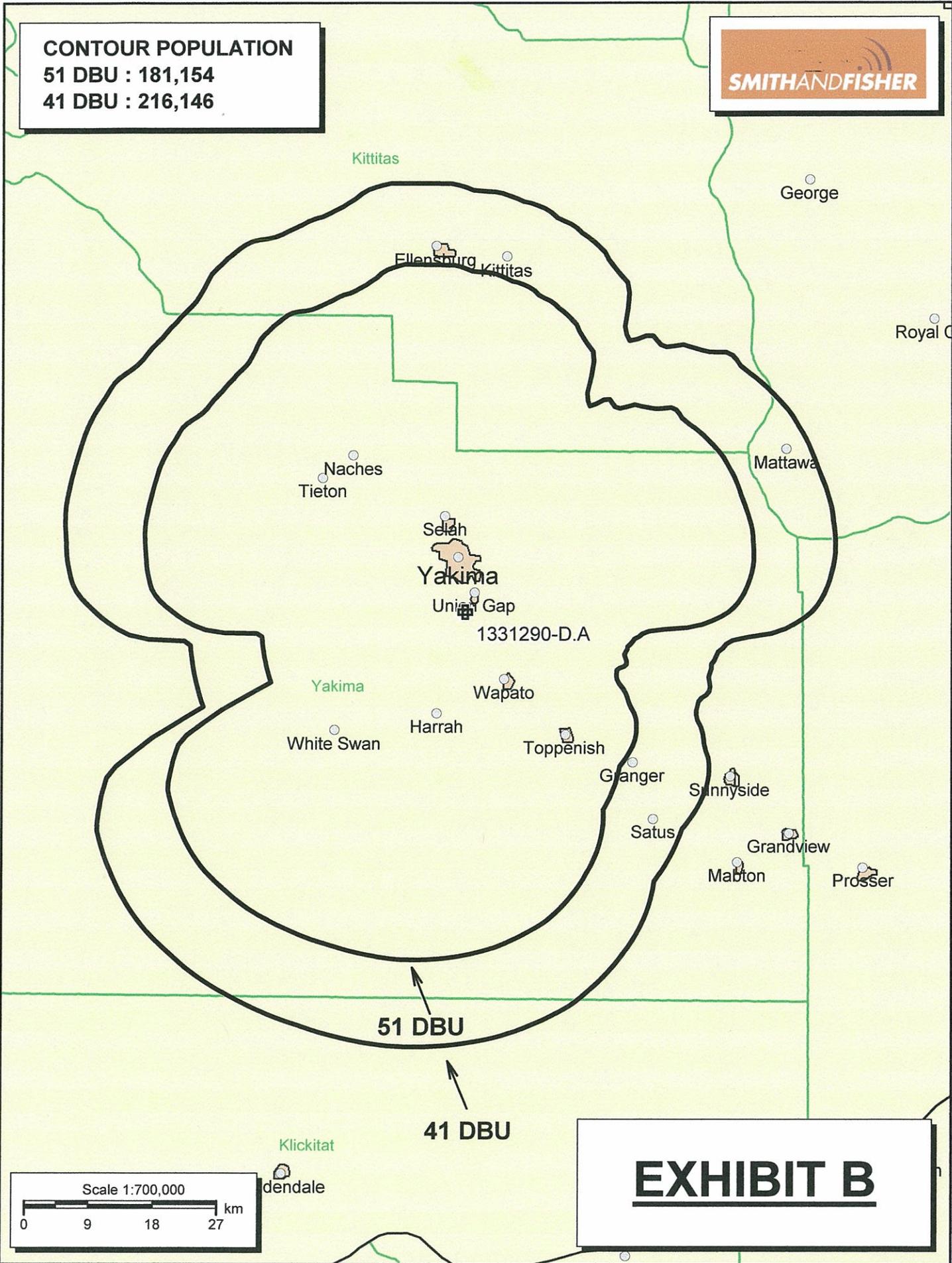


EXHIBIT B

PROPOSED OPERATING PARAMETERS

PROPOSED DIGITAL LOW POWER TELEVISION STATION
CHANNEL 19 – YAKIMA, WASHINGTON

Transmitter Power Output:	1.1 kw
Transmission Line Efficiency:	92.7%
Antenna Power Gain – Toward Horizon:	15.29
Antenna Power Gain – Main Lobe:	15.29
Effective Radiated Power – Toward Horizon:	15 kw
Effective Radiated Power – Main Lobe:	15 kw
Transmitter Make and Model:	Type-accepted
Transmission Line Make and Model:	Andrew LDF7-50A
Size and Type:	1-5/8" foam heliax
Length:	60 feet*
Antenna Make and Model:	Andrew (ERI) ALP8L1-HSWR
Orientation:	310 degrees true
Beam Tilt:	0.25 degrees
Radiation Center Above Ground:	10 meters
Radiation Center Above Mean Sea Level:	622 meters

*Estimated

LONGLEY-RICE INTERFERENCE STUDY
PROPOSED DIGITAL LOW POWER TELEVISION STATION
CHANNEL 20 – YAKIMA, WASHINGTON

We conducted a detailed interference study 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 0.1 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 the proposed station) already is predicted to exist (also known as "masking"). The results of this study are provided in Exhibit D-2. It concludes that the facility proposed herein causes no significant new interference to any of the potentially affected stations. It is important to note that interference to K20JO-D, Ch. 20 in Yakima, WA (BDCCDTL-20060927AIQ) can be ignored due to expiration of the construction permit on August 13, 2010.

As a result, it is believed that the proposed digital LPTV 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 DIGITAL LOW POWER TELEVISION STATION
CHANNEL 19 – YAKIMA, WASHINGTON

<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>
KEPR-DT BPCDT-20080617ADA	App.	Pasco, WA	18	372,869	279	<0.1
KEPR-DT BLCDT-20070228ABD	Lic.	Pasco, WA	18	352,364	1,119	0.3

POWER DENSITY CALCULATION

PROPOSED DIGITAL LOW POWER TELEVISION STATION
CHANNEL 19 – YAKIMA, WASHINGTON

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Yakima facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 15 kw, an antenna radiation center 10 meters above ground, and the vertical pattern of the Andrew (ERI) antenna, maximum power density two meters above ground of 0.094 mw/cm^2 is calculated to occur 3 meters northwest of the base of the tower. Since this is only 5.5 percent of the 1.7 mw/cm^2 reference for controlled environments (areas without public access) surrounding a facility operating on Channel 19 (500-506 MHz), this proposal may be considered a minor environmental action with respect to occupational 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.