

EXHIBIT A

ENGINEERING STATEMENT

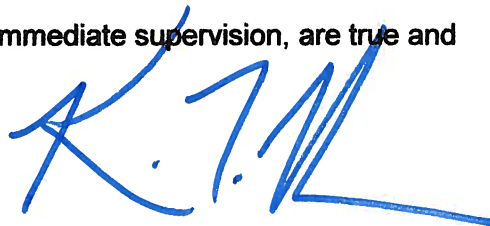
The engineering data contained herein have been prepared on behalf of WAITT BROADCASTING, INC., licensee of low power television station K55FL, Channel 55 in Spencer, Iowa, in support of this Application for Construction Permit to specify digital operation on Channel 18 from the licensed K55FL site. This proposal is being submitted in response to the Commission's reclamation of Channel 55 spectrum and the subsequent auction of that spectrum to wireless service providers, thereby placing this LPTV station in a displacement situation.

It is proposed to mount a standard ERI omnidirectional antenna at the 118-meter level of the existing 122-meter communications tower on which the present analog K55FL antenna is located. Exhibit B is a map upon which the predicted service contours are plotted. It is important to note that the proposed 51 dBu contour encompasses the station's city of license, as well as the entirety of the presently authorized analog Grade A contour. 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.

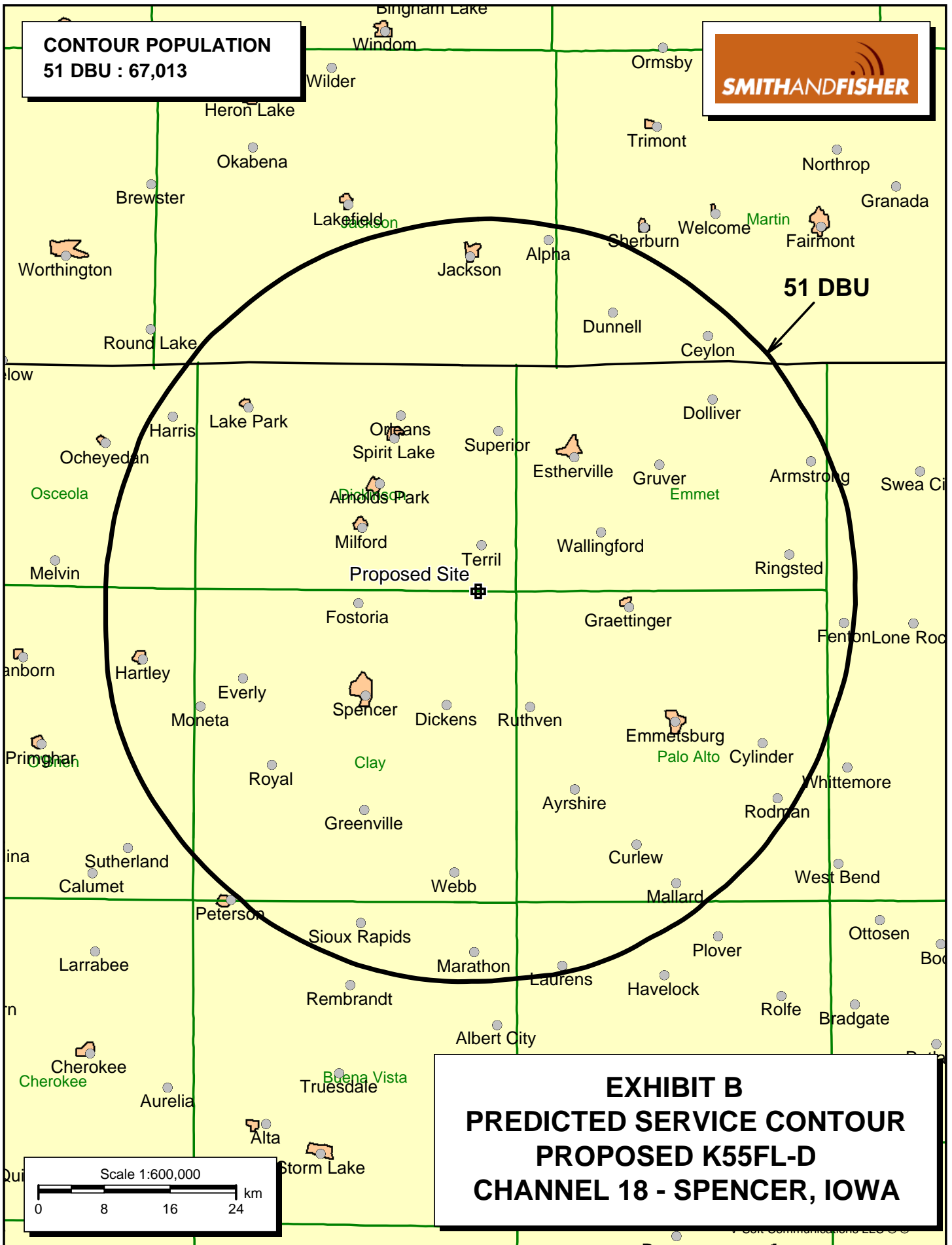
Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1051821 to this tower.

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.

August 18, 2011


KEVIN T. FISHER

CONTOUR POPULATION
51 DBU : 67,013



51 DBU

EXHIBIT B
PREDICTED SERVICE CONTOUR
PROPOSED K55FL-D
CHANNEL 18 - SPENCER, IOWA

PROPOSED OPERATING PARAMETERS**PROPOSED K55FL-D
CHANNEL 18 – SPENCER, IOWA**

Transmitter Power Output:	1.7 kW
Transmission Line Efficiency:	63.2%
Antenna Power Gain – Main Lobe:	14.06
Effective Radiated Power – Main Lobe:	15 kW
Transmitter Make and Model:	Type-accepted
Rated Output	2.0 kw
Transmission Line Make and Model:	Andrew HJ7-50A
Size and Type:	1-5/8" air heliax
Length:	420 feet
Antenna Make and Model:	ERI AL8
Orientation	omnidirectional
Beam Tilt	1.75 degrees
Radiation Center Above Ground:	118 meters
Radiation Center Above Mean Sea Level:	537 meters

Note: A full-power emission mask is being specified for this facility.

EXHIBIT D-1

LONGLEY-RICE INTERFERENCE STUDIES
PROPOSED K55FL-D
CHANNEL 18 – SPENCER, IOWA

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 K55FL-D) already is predicted to exist (also known as "masking"). It is important to note that the study is also based on the applicant's intended use of a full-power emission mask. 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.

Interference to the facilities of K17IR-D (BDCCDTL-20070504ABQ), Channel 17 in Spencer, Iowa, and K40CO-D (BDISDTT-20071019AIH), Channel 18 in Storm Lake, Iowa, can be ignored. These construction permits have expired and there are no pending applications to extend the construction deadlines.

As a result, it is believed that the proposed K55FL-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 K55FL-D
CHANNEL 18 – SPENCER, IOWA

<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>	.
KYIN-DT BLEDT-20090612AHJ	Lic.	Mason City, IA	18	551,371	2,129	0.4	

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED K55FL-D
CHANNEL 18 – SPENCER, IOWA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Spencer 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 118 meters above ground, and the vertical pattern of the ERI antenna, maximum power density two meters above ground of 0.00035 mw/cm^2 is calculated to occur 104 meters from the base of the tower. Since this is only 0.1 percent of the 0.33 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 18 (494-500 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.