

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of PRICE MEDIA CORPORATION, licensee of Class A LPTV Station KWBJ-LP, Channel 39 in Morgan City, Louisiana, in support of this Application for Construction Permit to specify operation on Channel 22 from the licensed KWBJ-LP site. This proposal is being submitted in response to the Commission's assignment of Channel 39 to WLOX-DT in Biloxi, Mississippi. WLOX-DT is located 231 kilometers from the site of KWBJ-LP, thereby placing this Class A LPTV facility in a displacement situation (based on requirements set forth in Section 73.3572(a)(4)(iv)(A)(1) of the FCC Rules).

It is proposed to mount a standard ERI omnidirectional antenna at the 58-meter level of the existing 68-meter communications tower. Exhibit B is a map upon which the predicted service contours are plotted. It is important to note that the newly proposed 74 dBu contour encompasses a significant portion of that which obtains from the licensed KWBJ-LP facility. A contour overlap analysis and interference study are provided in Exhibit C, and a power density calculation follows as Exhibit D.

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 1241592 to this tower.

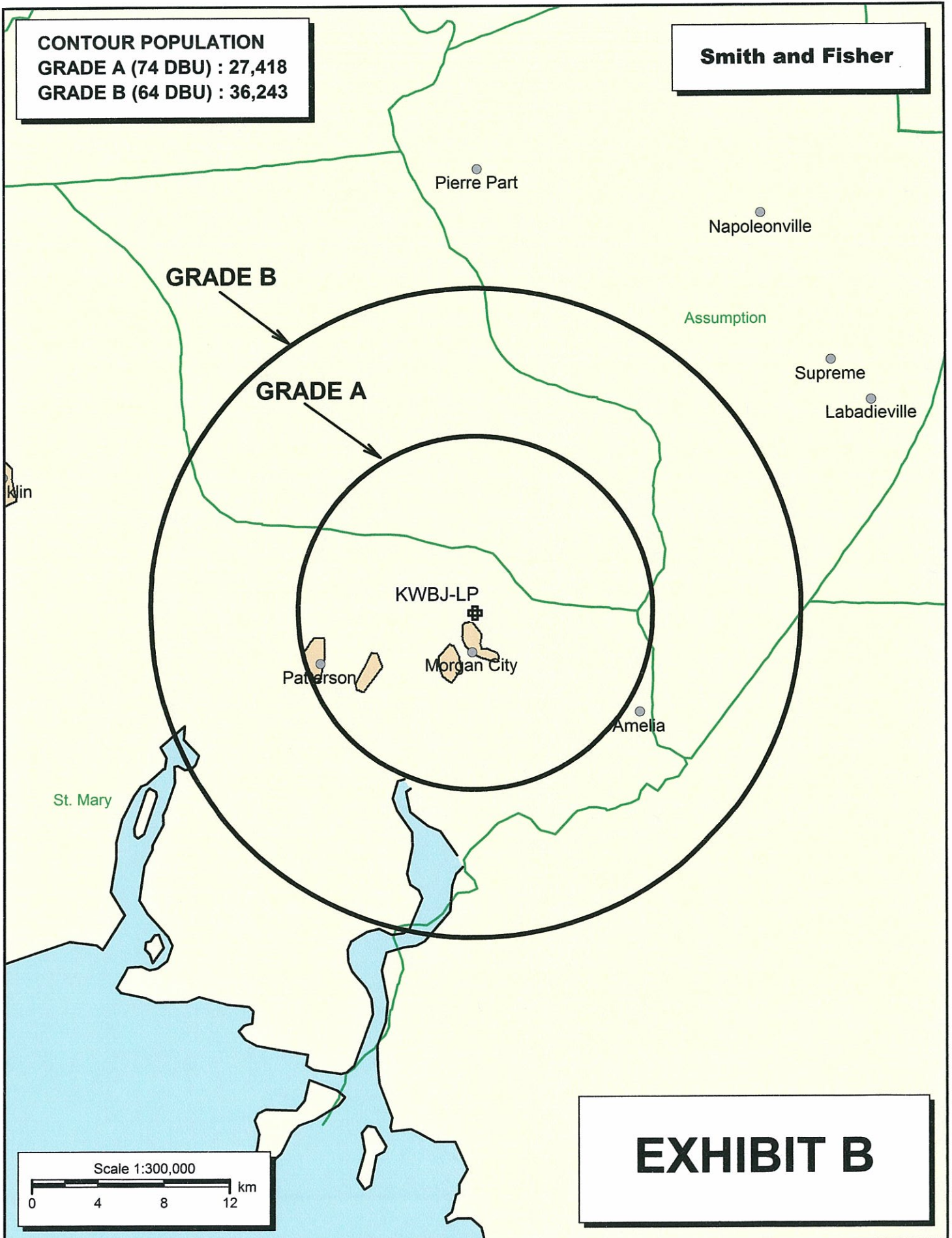
I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

  
KEVIN T. FISHER

February 4, 2009

**CONTOUR POPULATION**  
**GRADE A (74 DBU) : 27,418**  
**GRADE B (64 DBU) : 36,243**

**Smith and Fisher**



CONTOUR OVERLAP AND  
LONGLEY-RICE INTERFERENCE STUDIES  
PROPOSED KWBJ-LP  
CHANNEL 22 – MORGAN CITY, LOUISIANA

We conducted a computer analysis of the interference situation for the proposed facility, the results of which are shown in Exhibit C-2. The study is based on contour protection requirements of Sections 73.6011, 73.6012, 73.6013, 73.6014, 73.6020, 73.1030 and 74.709 of the FCC's Rules with respect to analog and digital full-power facilities, analog and digital Class A and low power television stations (including translators), and Land Mobile allotments. It concludes that the facility proposed herein meets these requirements except to five stations: KWBJ-LD, Channel 22 in Morgan City, Louisiana; an application for a digital LPTV companion channel on Channel 22 in New Orleans, Louisiana; KDCG-LP, Channel 22 in Opelousas, Louisiana; W22DK-D, Channel 22 in New Orleans, Louisiana; and, WHLT-DT, Channel 22 in Hattiesburg, Mississippi.

It is important to note that KWBJ-LD is owned by the entity filing this application. Interference to KWBJ-LP by the facility proposed herein is accepted and can therefore be ignored with respect to the processing of this proposal.

We then conducted detailed interference studies using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to the other facilities of concern. The software utilizes a 2-square kilometer cell size (except where noted), calculates signal strength at 1.0 kilometer increments along each radial studied, and employs the 1990 U. S. Census to count population within cells. In



EXHIBIT C-1

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 KWBJ-LP) already is predicted to exist (also known as "masking"). The results of these studies are provided in Exhibit C-3. They conclude that the facility proposed herein causes no significant new interference to any of the potentially affected stations.

As a result, waivers of Section 73.6013 of the Commission's Rules with respect to interference to WHLT-DT, and Section 73.6012 with regard to KDCG-LP, W22DK-D and the application for a digital LPTV station on Channel 22 in New Orleans, are requested and believed to be justified based on the aforementioned Longley-Rice studies.

SMITH AND FISHER

EXHIBIT C-2

PROPOSED KWBj-LP  
CH. 22 - MORGAN CITY, LA

REFERENCE  
29 43 15.0N LPTV Pwr = 8.61 kW, HAMSL COR= 59 M  
91 12 18.0W  
DISPLAY DATES  
DATA 02-01-09  
SEARCH 02-03-09

..... Channel 22Z, 518 MHz .....

Call	Channel	Location	Dist	Azi	FCC	Margin
KWBj-LD	LI 22G	Morgan City	LA 0.00	0.0	> 157.97	-157.97
1138631	AP 22G	New Orleans	LA 116.20	78.7	> 171.42	-55.22
KDCG-LP	CPM 22F	Opelousas	LA 121.21	315.9	> 156.33	-35.12
W22DK-D	CP 22G	New Orleans	LA 116.20	78.7	> 121.21	-5.01
WHLT	CPM 22	Hattiesburg	MS 265.58	44.7	> 267.71	-2.13
WHLT	LI 22Z	Hattiesburg	MS 265.58	44.7	> 250.00	15.58
WHLT	CHE 22	HATTIESBURG	MS 265.58	44.7	> 247.50	18.08
WHLT	AP 22	Hattiesburg	MS 265.58	44.7	> 244.65	20.93
WBRL-CA	CP 21F	Baton Rouge	LA 67.45	354.2	> 035.60	31.85
WHNO	CHE 21	NEW ORLEANS	LA 116.20	78.7	> 083.66	32.54
WHNO	LI 21	New Orleans	LA 116.20	78.7	> 083.66	32.54
WHNO-TV	GRR 21	New Orleans	LA 116.20	78.7	> 083.66	32.54
KLPB	CHE 23	LAFAYETTE	LA 123.49	303.1	> 090.28	33.21
KLPB-TV	LI 23	Lafayette	LA 123.49	303.1	> 090.28	33.21
K22IB-D	CP 22G	Vidalia	LA 192.51	356.9	> 158.66	33.85
WTNO-LP	AP 22+	New Orleans	LA 106.36	74.3	> 067.04	39.32
WBRL-CA	LI 21Z	Baton Rouge	LA 67.45	354.2	> 024.98	42.47
WHNO	ST 21	New Orleans	LA 116.20	78.7	> 068.99	47.21
KDCG-LP	LI 22-	Opelousas	LA 121.21	315.9	> 063.15	58.06
K22GT	AP 22Z	Lake Charles	LA 198.74	287.0	> 128.90	69.84

\* Actual radials antenna height and directional patterns used (if any)

INTERFERENCE SUMMARY  
 PROPOSED KWBJ-LP  
 CHANNEL 22 – MORGAN CITY, LOUISIANA

<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>
KWBJ-LD	Lic.	Morgan City, LA	22	--	*	--
NEW-LD BSFDTL-20060630CNP	Appl.	New Orleans, LA	22	999,951	0	0
KDCG-LD BMPDTA-20080804ABF	CP	Opelousas, LA	22	261,324	0	0
W22DK-D BDCCDTL-20070514AAE	CP	New Orleans, LA	22	71,682	0	0
WHLT-DT BMPCDT-20080619ACC	CP	Hattiesburg, MS	22	413,883	0	0

\*Station owned by entity filing for the instant facility. Interference to KWBJ-LD is accepted and can be ignored.

POWER DENSITY CALCULATION  
PROPOSED KWBJ-LP  
CHANNEL 22 – MORGAN CITY, LOUISIANA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Morgan City facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 8.6 kw, an antenna radiation center 58 meters above ground, and the vertical pattern of the ERI antenna, maximum power density two meters above ground of 0.00043 mw/cm<sup>2</sup> is calculated to occur 50 meters from the base of the tower. Since this is only 0.1 percent of the 0.35 mw/cm<sup>2</sup> reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 22 (518-524 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.