

EXHIBIT D-1

CONTOUR OVERLAP AND
LONGLEY-RICE INTERFERENCE STUDIES
PROPOSED K58GB
CHANNEL 48 - BATON ROUGE, LOUISIANA

We conducted a computer analysis of the interference situation for the proposed facility, the results of which are shown in Exhibit D-2. The study is based on contour protection requirements of Sections 74.705, 74.706, and 74.707 of the FCC's Rules with respect to analog full-power, digital full-power, and low power television stations, respectively. It concludes that the facility proposed herein meets these requirements except to three stations: WVLA(TV), Channel 33 in Baton Rouge; WXXV-DT, Channel 48 in Gulfport, Mississippi; and, WNTZ(TV), Channel 48 in Natchez, Mississippi.

We then conducted detailed interference studies using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to these 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 1990 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 Trinity's proposed K58GB) already is predicted to exist (also known as "masking"). The results of these studies are provided in Exhibit D-3. They conclude that the facility proposed herein causes no significant new interference to any of the potentially affected stations.

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As a result, waivers of Section 74.705 of the Commission's Rules with respect to interference to WVLA and WNTZ and Section 74.706 with regard to WXXV-DT are requested and believed to be justified based on the aforementioned Longley-Rice studies.

EXHIBIT D-2

PROPOSED K58GB
CH. 49 - BATON ROUGE LA

REFERENCE
30 19 34 N
91 16 36 W

LPTV Pwr = 12 kW, HAMS L COR= 310 M

DISPLAY DATES
DATA 03-26-03
SEARCH 04-03-03

..... Channel 48-, 674 MHz

Call	Channel	Location	Dist	Azi	FCC	Margin	
WVLA*	LI	33- Baton Rouge	LA	0.03	0.0	> 132.46	-119.34
WXXV-D*CP	48	Gulfport	MS	217.93	77.0	> 308.43	-83.30
WXXV-D*ST	48	Gulfport	MS	209.37	84.3	> 255.52	-46.15
WNTZ*	LI	48Z Natchez	MS	154.05	345.3	> 199.61	-41.53
WNTZ*	CP	48Z Natchez	MS	175.34	11.4	> 229.78	-34.46
WPXL*	AP	49Z New Orleans	LA	128.78	110.3	> 099.28	30.53
WPXL*	LI	49Z New Orleans	LA	128.78	110.3	> 097.31	32.62
K49DE*	LI	49- New Iberia	LA	59.73	237.4	> 026.54	44.45
NEW*	AP	48- De Ridder	LA	200.64	287.4	> 152.99	47.71
AP379*	AP	48- De Ridder	LA	200.64	287.4	> 151.21	49.43
WNTZ-D*CP	49	Natchez	MS	154.05	345.3	> 105.50	52.79
WNTZ	ALD	49 NATCHEZ	MS	154.05	345.3	> 091.32	62.73
AP922	AP	48+ Leesville	LA	209.96	299.3	> 145.14	64.82
WNTZ-D*AP	49	Natchez	MS	175.34	11.4	> 122.68	68.97
NEW	AP	48+ Leesville	LA	208.77	293.8	> 135.41	73.36

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

INTERFERENCE SUMMARY

PROPOSED K58GB
CHANNEL 48 - BATON ROUGE, 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>
WWLA BLCT-19871224KH	Lic.	Baton Rouge, LA	33	1,309,167	0	0
WXXV-DT BDSTA-20020903AHZ	STA	Gulfport, MS	48	257,293	0	0
WXXV-DT BPCT-19991014ABJ	CP	Gulfport, MS	48	981,909	0	0
WNTZ BPCT-20011115AAF	CP	Natchez, MS	48	590,240	146	<0.1
WNTZ BLCT-19951010KS	Lic.	Natchez, MS	48	176,739	26	<0.1