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Joe Kool Broadcasting

ENGINEERING STUDY
IN SUPPORT OF
A PETITION TO CHANGE
THE TABLE OF FM
ALLOCATIONS
Part 73.202
ADDING
CHANNEL #248A
TALLULAH, LOUISIANA

LARRY P. WAGGONER

Broadcast Technical Consultant

1712 VALLEYVIEW CT.

WICHITA, KS 67212

(316) 722-3726

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**Engineering Statement
Joe Kool Broadcasting
Channel #248A, Tallulah, LA**

I, Larry P. Waggoner, have been retained by Joe Kool Broadcasting to prepare this Engineering Study in support of their petition to amend the Part 73.202 Table of FM Allotments. The petition is to add Channel #248A (97.5 MHz) to the listing for Tallulah, Louisiana.

There is presently only one channel allotment for Tallulah. The petition is to add a second channel. The amended entry for the city would read:

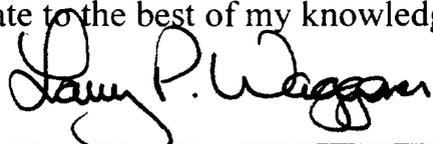
Tallulah, LA 248A, 283C3

(KBYO-FM is now licensed for operation in Tallulah on Channel 285A. There is an outstanding construction permit, BPH-9510025IZ for the station to operate on Channel #283C3 as per D91-211)

Exhibit #1 is the results of a Class A separation study conducted on the coordinates of record for the city of Tallulah. The study disclosed one slightly short spaced existing station. The center of the city is 87.42 km distant from WFMN, Ch.#247C3, Flora, Mississippi. This is 1.58 kilometers short of the required 89 kilometers (1st adjacent Class C3 to A). WFMN is located east of Tallulah on a bearing of 86.3°. There is one close spaced station, KLMB, Ch.#247A, Bastrop, Louisiana. The required 72 kilometer separation line for KLMB is located 2.7 kilometers northwest of Tallulah (1st adjacent Class A to A).

Exhibit #2 is an Allocation Site Area Map. The map shows clearly that there are many possible sites for the proposed allocation southwest of the city of Tallulah. City grade coverage over the entire city could be obtained with no terrain blockage.

Channel #248A can be allocated to Tallulah, Louisiana and be in full compliance with the minimum distance separations listed in Part 73.207 of the Commission's Rules. All statements made and the data presented in this report is true and accurate to the best of my knowledge and ability.

 Mar. 19, 99

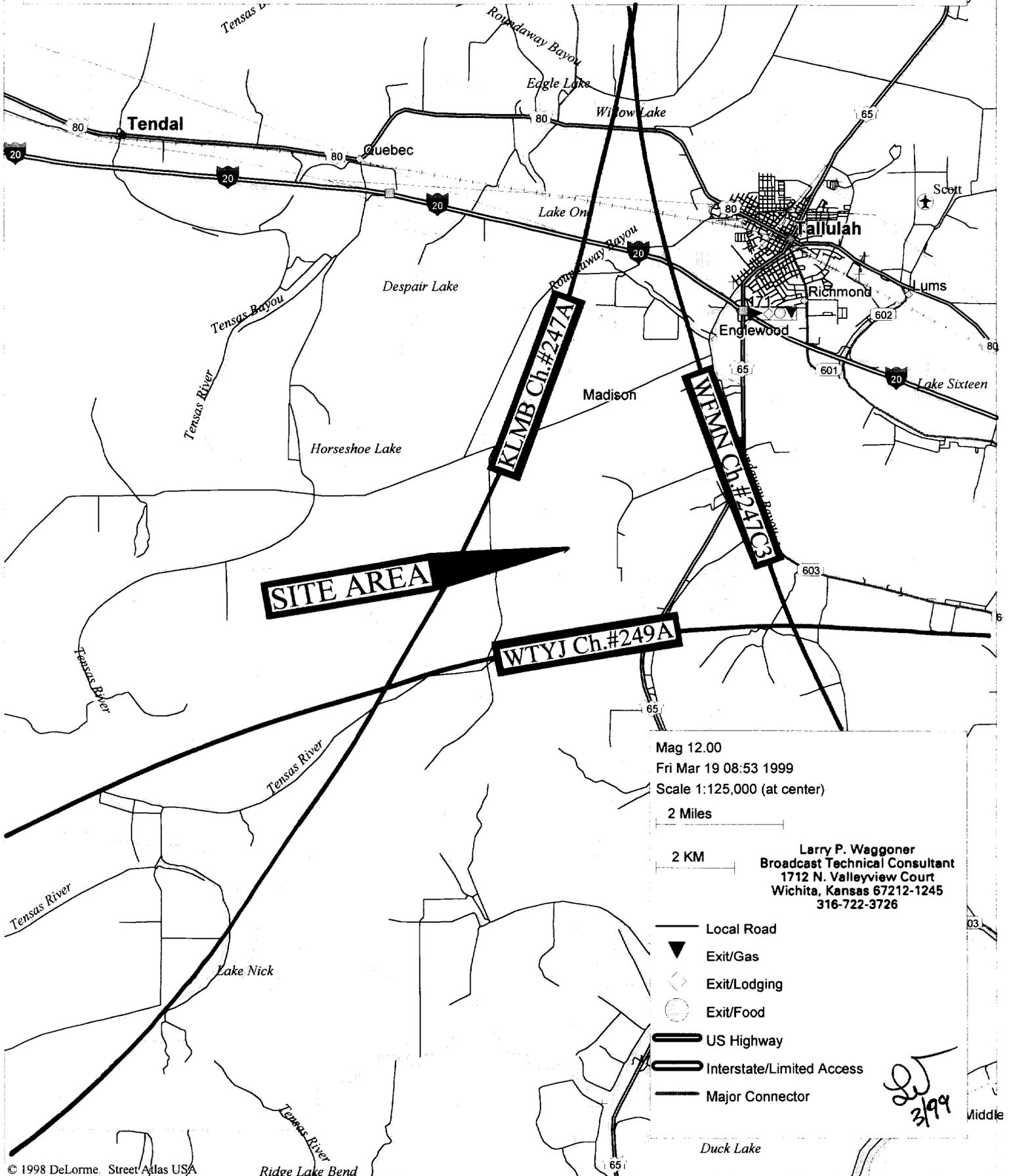
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FM Study for:	Location:	Call City, State	Status Proponent	FCC Database Date:	Channel Class:	Chan Class	Freq	kW	Latitude	Dist.	Required	Clear (km)
						File Number	HAAT		Longitude	Azm.		

>>>>>>> Study For Channel 248 97.5 mHz <<<<<<<<												
WFMN	FLORA, MS			247	C3	97.3	19.5		32-27-21	87.42	89	73.215
LIC	CROSSROADS COMMUNICAT			BLH-970710KA	112	90-15-32			86.3		-1.58	SHORT
	Use of 73.215			for short spacing requires:		72					+15.4	CLEAR
WFMN	FLORA, MS			247	C3	97.3	19.5		32-27-21	87.42	89	73.215
CP	TELESOUTH COMMUNICATI			BPH-980924IF	112	90-15-32			86.3		-1.58	SHORT
	Use of 73.215			for short spacing requires:		72					+15.4	CLEAR
KLMB	BASTROP, LA			247	A	97.3	5.9		32-40-20	74.7	72	
LIC	MAX BROADCASTING CO.			BLH-960906KD	100	91-55-06			293.3		+2.7	CLOSE
WTYJ	FAYETTE, MS			249	A	97.7	3.00		31-40-32	81.6	72	
LIC	NATCHEZ COMMUNICATION			BLH-831021AH	91	91-06-18			174.6		+9.6	CLOSE
WTYJ	FAYETTE, MS			249	A	97.7	6.0		31-40-32	81.6	72	73.215
CP	NATCHEZ COMMUNICATION			BPH-950803IB	100	91-06-18			174.6		+9.6	CLOSE
KPCH	DUBACH, LA			249	C1	97.7	60.		32-41-05	159.4	133	73.215
APP	WILLIAM W. BROWN			BPH-980904IG	155	92-51-08			281.5		+26.4	CLEAR
One-Step Application-From Channel 249C2 per One-Step Application BPH 970623IB-Amended 990122												
WTRCFM	NATCHEZ, MS			247	A	97.3	1.45		31-30-33	101.8	72	
LIC	JAMES C. WILLIAMS			BLH-930527KB	209	91-24-19			191.8		+29.8	CLEAR
ALLOC	DUBACH, LA			249	C1	97.7			32-47-32	165.1	133	
VAC				-		0			92-53-08	285.4	+32.1	CLEAR
Reserved for KPCH per One-Step Application BMPH-980904IG												
KPCH	DUBACH, LA			249	C2	97.7	50.		32-40-03	138.6	106	
LIC	WILLIAM W. BROWN			BLH-980714KC	139	92-37-50			282.3		+32.6	CLEAR
*To Channel 249C1 per One-Step Application BPH-980904IG-One-Step Application												

Tallulah, Louisiana Ch.#248A Site Map



Mag 12.00
 Fri Mar 19 08:53 1999
 Scale 1:125,000 (at center)
 2 Miles

2 KM

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 316-722-3726

- Local Road
- Exit/Gas
- Exit/Lodging
- Exit/Food
- US Highway
- Interstate/Limited Access
- Major Connector

Handwritten signature
 3/99