

**January 2007  
KCIL Channel 298C1  
Jean Lafitte, LA  
Section 307(b) Analysis**

By the instant minor change application, it is proposed to modify the authorization for KCIL from Channel 298C1 at Houma, LA to Channel 298C1 at Jean Lafitte, LA. Unless otherwise noted, all population numbers are from the 2000 Census.

**Spacing Study**

A single site is being used for the proposed allotment site and the proposed transmitter site. The attached spacing study shows that the proposed Jean Lafitte 298C1 allotment site meets the co-channel and adjacent channel spacing requirements for Class C1 stations as prescribed in §73.207 of the Commission's Rules.

**First Local Service to Jean Lafitte**

The proposed Channel 298C1 allotment site is an existing tower site and is located 36.2 km from the far side of Jean Lafitte. The standard 70 dBu contour distance for a Class C1 facility is 50 km. Therefore, the proposed allotment will provide 70 dBu service to 100% of Jean Lafitte.

The proposed operation will provide the first local service to Jean Lafitte, an incorporated town with a 2000 Census population of 2,137 persons. Houma will retain local service from AM station KJIN 1490 kHz and FM station KYRK 281C.

**“Tuck” Study Required**

The town of Jean Lafitte is not located within any Urbanized Area as defined by the 2000 Census. However, the proposed allotment's 70 dBu contour does encompass 91% of the area and 92% of the population of the New Orleans Urbanized Area.

Additionally, the proposed allotment's 70 dBu contour encompasses 20% of the area and 16% of the population of the Slidell Urbanized Area, but this is not at or above the 50% threshold which triggers “Tuck”.

It should be noted that the existing Houma allotment provides 70 dBu service to 99% of the area and 99% of the population of the Houma Urbanized Area.

### **Gain and Loss Areas**

There is some overlap of the Jean Lafitte gain area and the Houma loss area. The gain area associated with the reallocation of KCIL encompasses a land area of 6,108 sq km and a population of 1,175,416 persons. The loss area associated with the reallocation of KCIL encompasses a land area of 8,460 sq km and a population of 256,749 persons.

There will be a net increase of service provided by KCIL to 918,667 persons.

### **Loss Area Remaining Services Analysis**

As depicted on the attached "Houma Loss Area Study Map", the proposed reallocation of KCIL will not result in the creation of any white areas,<sup>1</sup> as Class A AM station WWL(AM) provides 0.5 mV/m service to the entire loss area. While a gray area with one remaining aural service will be created, that area is almost entirely over water, encompassing only 50 sq km of land area which is unpopulated.

Certain areas will remain underserved, i.e. with fewer than five aural services remaining. Specifically, two aural services will remain in a 26 sq km land area which is unpopulated, three aural services will remain in a 301 sq km land area encompassing 82 persons, and four aural services will remain in a 404 sq km land area encompassing 235 persons.

The following facilities provide service to part or all of the Houma loss area. Letters correspond to contour labels on the attached map exhibit.

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<sup>1</sup>In determining reception service provided by FM stations, the area of service circumscribed by the station's 1.0 mV/m signal contour was considered, assuming 1) actual facilities for non-commercial stations operating on reserved channels, 2) maximum facilities for the class of station for stations (other than Class C stations) operating on non-reserved channels, and 3) minimum or existing Class C facilities, whichever is greater, for Class C stations. For clear channel Class A AM stations, the service area was defined by the station's 0.5 mV/m groundwave contour, based on its licensed facilities. For all other classes of full-time AM stations, reception service was defined as that service received within a station's nighttime interference-free contour. See Meeker and Craig, Colorado, 15 FCC Rcd 23858 (2000), Stamps and Fouke, Arkansas, 14 FCC Rcd 10533 (1999), Silverton and Bayfield, Colorado, 14 FCC Rcd 4071 (1999), Malvern and Bryant, Arkansas, 13 FCC Rcd 8426 (1998), and others.

A	KTIB	640 kHz	Thibodaux	NIF = 12.4 mV/m
B	WWL	870 kHz	New Orleans	Class A = 0.5 mV/m
C	KJIN	1490 kHz	Houma	NIF = 22.1 mV/m
D	KLEB	1600 kHz	Golden Meadow	NIF = 14.9 mV/m
AL	WRBH	202C1	New Orleans	
E	WRKF	207C1	Baton Rouge	
F	WWNO	210C1	New Orleans	
G	KTLN	213A	Thibodaux	
H	KNSU	218A	Thibodaux	
I	WDVW	222C	Laplace	
J	WQUE-FM	227C	New Orleans	
K	KRDJ	229C1	New Iberia	
L	WTIX-FM	232C1	Galliano	
M	WPRF	235C3	Reserve	
N	KQKI-FM	237C3	Bayou Vista	
O	WKBU	239C	New Orleans	
P	KRVE	241C2	Brusly	
Q	KBZZ-FM	244C3	Morgan City	
R	WEZB	246C	New Orleans	
S	WDGL	251C	Baton Rouge	
T	WYLD-FM	253C0	New Orleans	
U	KXKC	256C0	New Iberia	
V	WRNO-FM	258C0	New Orleans	
W	KTDY	260C	Lafayette	
X	KLRZ	262C1	Larose	
Y	WYPY	264C	Baton Rouge	
Z	WNOE-FM	266C0	New Orleans	
AA	WYNK-FM	268C	Baton Rouge	
AB	WLMG	270C0	New Orleans	
AC	WFMF	273C	Baton Rouge	

AD	WCDV	277C	Hammond
AE	KYRK	281C	Houma
AF	KNOU	283C2	Empire
AG	KNXX	285A	Donaldsonville
AH	WWL-FM	287C1	Kenner
AI	KBZE	290A	Berwick
AJ	KXOR-FM	292C3	Thibodaux
AK	KRKA	300C1	Erath

### **Gain Area Existing Services Analysis**

The allotment of Channel 289C1 at Jean Lafitte will not provide new service to any existing white or gray areas. Both WWL(AM) and KKND(FM) each provide service to 100% of the proposed gain area.

Additional service will be provided to certain underserved areas. However, much of that area is over water, and the remainder is unpopulated. The entire populated portion of the gain area is considered to be well-served, with in excess of five existing services. The following stations each provide service to all or a portion of the Jean Lafitte gain area:

WWL	870 kHz	New Orleans	Class A = 0.5 mV/m
WRBH	202C1	New Orleans	
WBSN-FM	206C2	New Orleans	
WWNO	210C1	New Orleans	
WMAH-FM	212C	Biloxi	
WWOZ	214C3	New Orleans	
WTUL	218A	New Orleans	
WAQY	219C1	Gulfport	

KMRL	220A	Buras
WDVW	222C	Laplace
WQUE-FM	227C	New Orleans
WMJY	229C	Biloxi
WTIX-FM	232C1	Galliano
WJZD	233A	Long Beach
WYLK	234A	Lacombe
WPRF	235C3	Reserve
WZNF	237C1	Lumberton
WKBU	239C	New Orleans
WUJM	244A	Gulfport
WEZB	246C	New Orleans
WCPR-FM	250C2	Wiggins
WDGL	251C	Baton Rouge
WYLD-FM	253C0	New Orleans
WKNN-FM	256C1	Pascagoula
WRNO-FM	258C0	New Orleans
KLRZ	262C1	Larose
WNOE-FM	266C0	New Orleans
WLMG	270C0	New Orleans
WGCM-FM	272C2	Gulfport
KMEZ	275C3	Belle Chasse
WOSM	276C2	Ocean Springs
WCDV	277C	Hammond
KYRK	281C	Houma
KNOU	283C2	Empire
WWL-FM	287C1	Kenner
WMTI	291C2	Picayune
KKND	294C1	Port Sulphur
WHMD	296A	Hammond

WXYK	296A	Gulfport
WZKX	300C	Bay St. Louis

Numerous additional AM stations also provide service to portions of the Jean Lafitte gain area. A list of those stations can be provided should the Commission so require.

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## SEARCH PARAMETERS

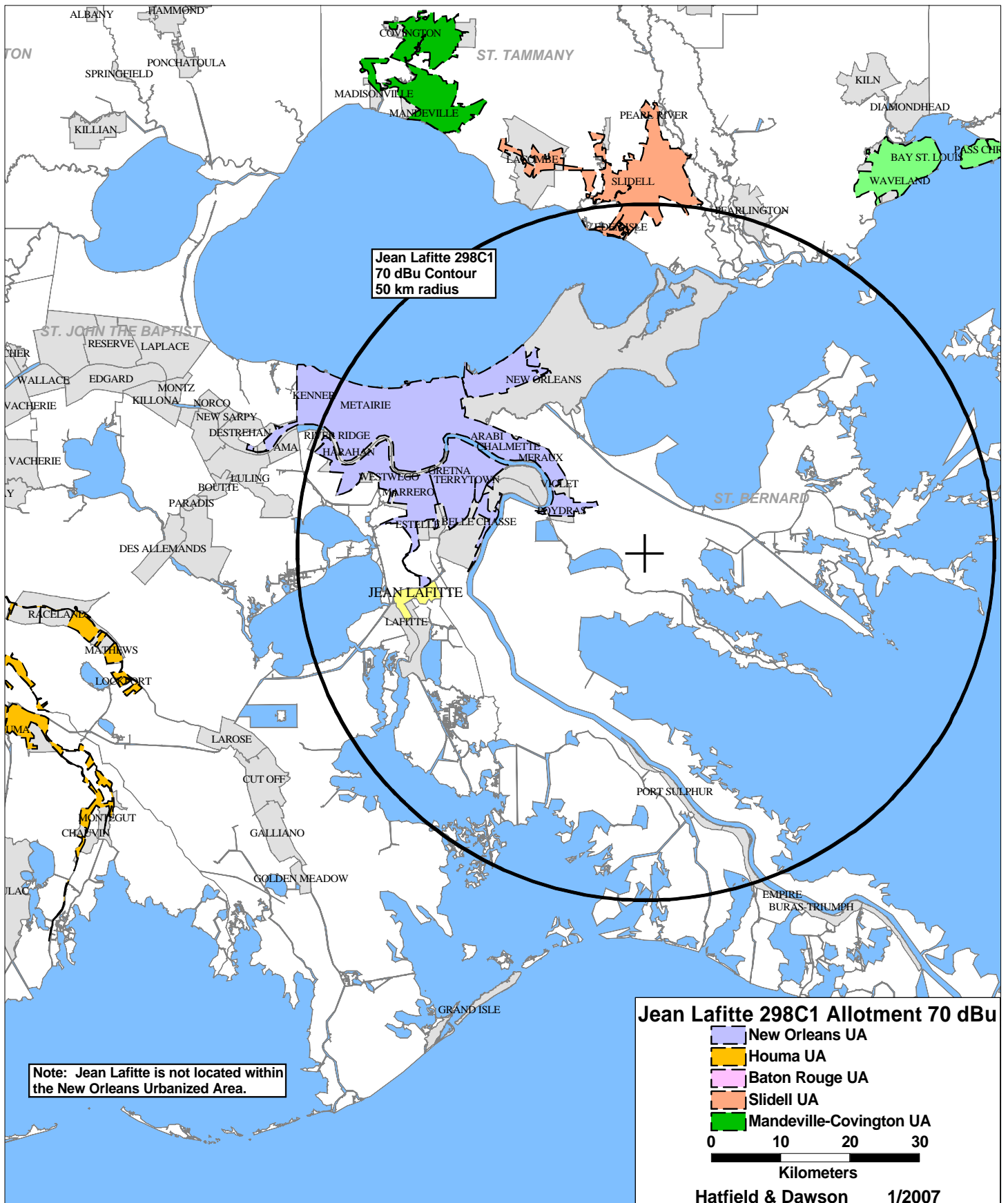
FM Database Date: 070108

Channel: 298C1 107.5 MHz  
 Latitude: 29 48 30  
 Longitude: 89 45 42  
 Safety Zone: 32 km  
 Job Title: KCIL 298C1 JEAN LAFITTE

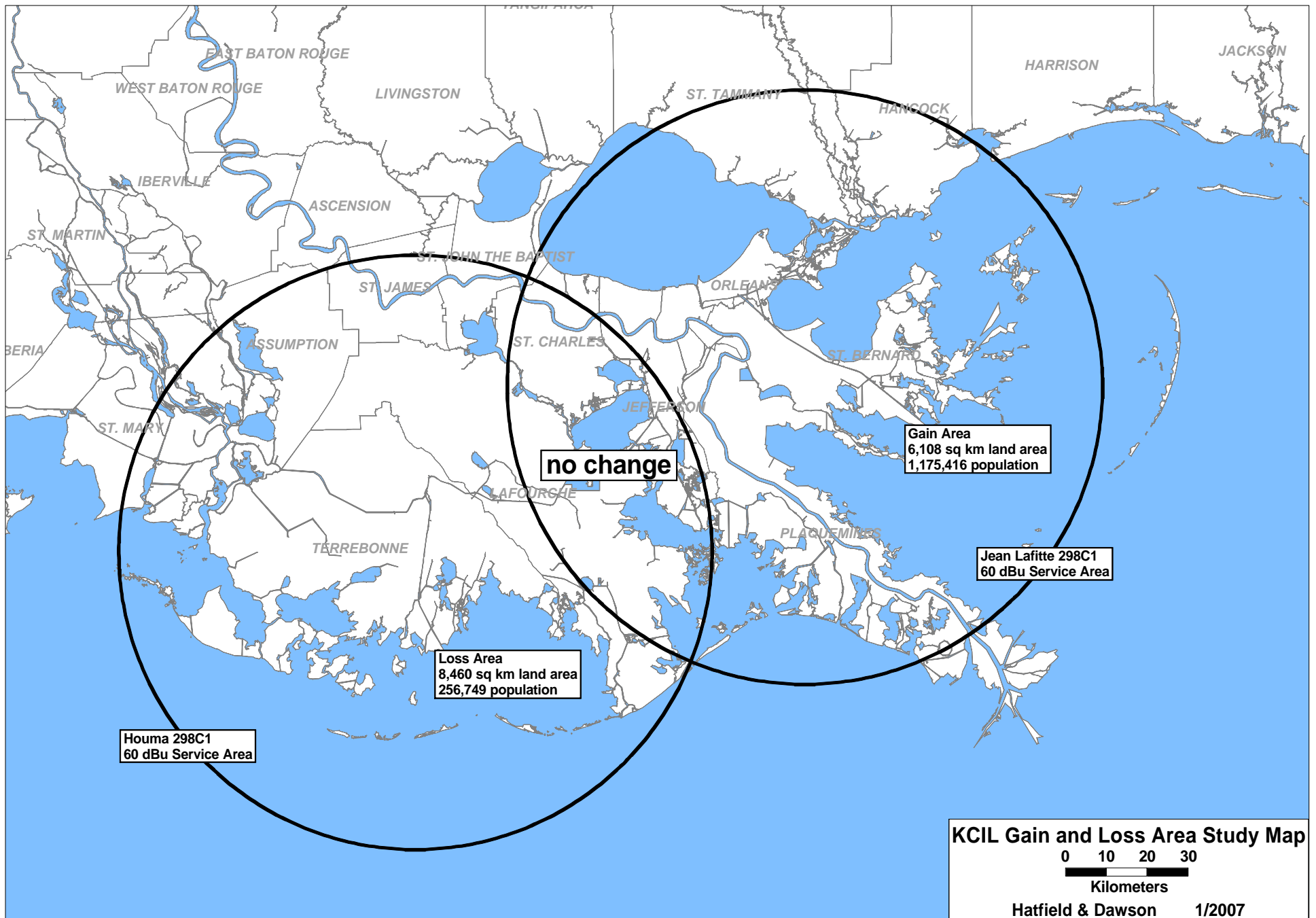
Page 1

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
WHMD LIC	HAMMOND LA	BLH-040120ADE	296A 107.1	6.000 100.0	30-25-32 090-17-01	323.9	84.92 9.92	75 CLOSE
WXYK LIC	GULFPORT MS	BMLH-060613ACC	296A 107.1	2.800 122.0	30-27-31 089-04-46	42.0 SS	97.56 22.56	75 CLEAR
WTGE LIC	BAKER LA	BLH-040120ADC	297A 107.3	4.270 119.0	30-28-26 091-03-38	301.0	145.28 12.28	133 CLEAR
WFCG CP	TYLERTOWN MS	BPH-051014ACZ	297A 107.3	2.200 167.7	31-04-39 090-04-46	347.9	143.97 10.97	133 CLEAR
WFCG LIC	TYLERTOWN MS	BLH-050823ACA	297A 107.3	3.200 139.4	31-04-39 090-04-46	347.9	143.97 10.97	133 CLEAR
KCIL LIC	HOUMA LA	BLH-060509AAP	298C1 107.5	69.000 198.1	29-26-48 090-44-34	247.3 SS	103.13 -141.87	245 SHORT
NEW-T APP	LACOMBE LA	BNPFT-030317LRD	298D 107.5	0.250 83.0	30-18-48 089-56-34	342.8	58.64 0.00	0 TRANS
NEW-T APP	SLIDELL LA	BNPFT-030313AML	298D 107.5	0.170 34.0	30-16-30 089-47-39	356.6	51.82 0.00	0 TRANS
NEW-T APP	STANTON LA	BNPFT-030317LEH	298D 107.5	0.200 51.0	29-53-33 089-55-16	301.4	18.01 0.00	0 TRANS
WKXI-FM LIC	MAGEE MS	BMLH-020312AAO	298C1 107.5	100.000 290.0	32-15-29 089-47-22	359.5	271.60 26.60	245 CLEAR
WZEN-LP LIC	HAMMOND LA	BLL-030730ACY	300L1 107.9	0.036 48.8	30-30-02 090-27-40	319.0	102.12 0.00	0 LPFM
WZKX APP	BAY ST. LOUIS MS	BPH-061204AHZ	300C 107.9	100.000 465.2	30-45-05 089-03-24	32.7	124.62 19.62	105 CLEAR
WZKX LIC	BAY ST. LOUIS MS	BMLH-960329KF	300C 107.9	100.000 445.0	30-44-48 089-03-30	32.7	124.09 19.09	105 CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 298 44444







Numerals indicate the number of aural services remaining in the underserved portion of the Houma loss area.  
Letters are contour labels corresponding to the list in the accompanying text.

**B**  
WWL(AM) Class A  
0.5 mV/m contour  
encompasses the  
entire area of this  
map exhibit.

Houma Loss Area Study Map

Remaining Services

Houma Loss Area

0102030

Kilometers

Hatfield & Dawson1/2007