

**AMENDMENT
TECHNICAL EXHIBIT
APPLICATION FOR MINOR CHANGE
FLEUR DE LIS BROADCASTING, INC.
WTIX-FM
FID#8382
CHANNEL 232 C1
GALLIANO, LA
100 kW H&V
299 m HAAT**

PURPOSE OF APPLICATION

FLEUR DE LIS BROADCASTING, INC. ("FLEUR DE LIS") is filing this instant application to modify the existing facility. The original directional antenna and antenna mount pole licensed in BLH19980202KD was damaged beyond repair in hurricane Katrina. The station has been operating since that time with various STA and auxiliary facilities. This amendment corrects 2 second change coordinate in latitude after modification of the ASR.

ANTENNA COORDINATES PROPOSED FACILITY

FLEUR DE LIS proposes to use the modified ASR existing the antenna coordinates of N 29°-33'-16-46.37" W 89°-49'-48.14" which now corresponds to ASR 1023241. This is the existing 312 meter tower and is the same tower utilized by the licensed facility.

TECHNICAL FACILITY

The center of radiation will be as the original license meters above ground level and 299 meters above mean sea level. No alteration of this tower is proposed other replacing the damaged top section and a new antenna and transmission line. The proposed antenna is a 8 element. full wave spaced EPA type 2 "double-vee" directional antenna SWR FM10-8. The directional pattern specified in the original license has been modified to accommodate the replacement structure section in order to protect WJZD-FM Ch 233A Long Beach MS FID#4342. WKZW Ch 232 C2 Sandersville MS FID#14021 is also short to the existing facility and is protected by the proposed antenna as well. See proposed new directional pattern and contour protection in the following pages for demonstration of contour protection using computer programs V-Soft FM Commander and V-Soft Probe4. According to Commander, there is overlap between the interference contour of this proposal and the protected contour of the Long Beach MS station. This proposal maintains the same protection of the original facility over land as all overlap occurs over water. See depiction in the following pages.

ENVIRONMENTAL

The OET FM model program was used to evaluate non-ionizing electromagnetic radiation at two meters above ground level at the 100 kilowatts H&V at 299 meters above ground level specified in this application. The maximum level was found to be 7.55 microwatts/cm² or 3.77 of the maximum level for general population, uncontrolled exposure level. This level occurs at 72.358 meters from the base of the support structure. This maximum level is far less than 5% of the maximum for uncontrolled exposure level and exempts the facility from further study. The entire perimeter of the property is fenced to at least 200 meters from the tower base. Access is through two locked gates. There are two other facilities on the tower, KWMZ-FM FID#89100 and KMRL FID#16378. Both facilities have maximum power density levels that are less than the maximum for uncontrolled exposure levels. See complete OET FM Model studies as an attachment to this application.

73.315 COMMUNITY COVERAGE

The proposed facility antenna coordinates are fully spaced to all existing licenses and applications in compliance with 47 CFR 73.509. The facility is in full compliance with 73.315 as it covers the same percentage of the population as the presently licensed site the entire community with the FCC 70 dBu 50-50 contour. This compliance was determined with computer programs V-Soft FM Commander and V-Soft Probe4 using NED 03 second terrain data. See the following pages for a demonstration.

WTIX amendment Fleur De Lis Broadcasting, In CH# 232C1 - 94.3 MHz, Pwr= 100 kw DA, HAAT= 298.9 M, COR= 299 M Average Protected F(50-50)= 72.3 km 73.215 Directional										
REFERENCE									DISPLAY DATES	
29 33 46.37 N.									DATA 06-08-23	
89 49 48.14 W.									SEARCH 06-22-23	
CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
232C1 Galliano	WTIX-FM	APP ZCN LA	108.7 288.7	0.05 0000214721	29 33 45.80 89 49 46.20	100.000 299	299	---Reference---		
232C1 Galliano	WTIX-FM	LIC ZCN LA	108.7 288.7	0.05 BLH19980202KD	29 33 45.80 89 49 46.20	100.000 299	299	---Reference---		
233A Long Beach	WJZD-FM^	LIC _CN MS	38.1 218.5	123.21 BLH19960911KC	30 26 00.70 89 02 10.10	6.000 100	45.0 109	29.0 wjzd, Inc.	10.8	-3.8
232C2 Sandersville	WKZW	LIC ZCN MS	17.3 197.6	217.24 BLH20170929AAE	31 25 52.60 89 08 51.20	14.500 279	125.7 348	51.9 Blakeney Communications, I	21.4	0.4
231C1 Kentwood	WEMX	LIC _CN LA	324.2 143.6	178.57 BLH19930616KA	30 51 44.60 90 55 34.30	100.000 299	106.3 361	73.3 Radio License Holding Cbc,	177.0R	1.6M
235C2 Reserve	WGUO	LIC _CN LA	282.3 101.9	88.81 BLH20070314AAC	29 43 48.80 90 43 37.30	50.000 147	5.9 147	51.6 Southeastern Broadcasting,	79.0R	9.8M
234A Lacombe	WYLK	LIC ZCN LA	354.3 174.2	91.68 BLH20071206ABM	30 23 08.70 89 55 33.30	2.900 146	2.6 153	28.7 North Shore Broadcasting C	75.0R	16.7M
233C Lafayette	KSMB	LIC _CN LA	291.7 110.6	246.66 BMLH20010509AAG	30 21 44.70 92 12 53.50	100.000 329	108.3 341	74.5 Radio License Holding Cbc,	209.0R	37.7M
229C Biloxi	WMJY	LIC ZEN MS	46.0 226.6	148.47 BLH20020226ABP	30 29 09.70 88 42 53.10	100.000 300	10.2 308	72.5 Ihm Licenses, LLC	105.0R	43.5M
231C0 Pensacola	WMEZ	LIC NCN FL	60.9 242.0	243.77 BLH20071114ACD	30 36 40.70 87 36 25.90	77.000 488	122.6 520	82.8 Cumulus Licensing LLC	196.0R	47.8M

Terrain database is NED 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 In & Out distances between contours are shown at closest points. Reference zone= - ZN2, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
 « = Station meets FCC minimum distance spacing for its class.
 ^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements

