FCC 352
May 1984

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-820905AH

Call Sign: KJCB

54341

STANDARD BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, 1/ the LICENSEE

JACKSON & CHAISSON BROADCASTING SYSTEM, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 770 kHz.
2. With nominal power of 500 watts nighttime and 1000 watts daytime,
   with antenna input power of 540 watts – directional antenna nighttime ..... [Common point current 3.38 amperes; Common point resistance 50 ohms,]
   and antenna input power of 1000 watts Nondirectional antenna daytime ..... [Antenna current 7.25 amperes; Antenna resistance 19 ohms]
3. Hours of operation: Unlimited

AVERAGE HOURS OF SUNRISE AND SUNSET PROVIDED WITH PREVIOUS AUTHORIZATION

4. Station location: Lafayette, LA
5. Main studio location:
   (Listed only if not at transmitter site or not within boundaries of principal community)
6. Remote control point: 413 Jefferson St. Lafayette, Louiana
7. Transmitter location: Lafayette, LA
   North Latitude: 30 o 17 ' 55 "
   West Longitude: 91 o 59 ' 30 "
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: None required
9. Transmitter(s): ----
10. Conditions: -----

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

1/ This license consists of this page and pages 2 thru 4

Dated: JUN 19 1984 ajs

FEDERAL COMMUNICATIONS COMMISSION

JUN 21 1984

Issued

FCC Form 353-A
June 1980

File NO.: Call Sign: Date:

DA-

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Three (3) series excited, guyed, uniform cross section vertical radiators. Theoretical RMS: 124.09 mV/m night; Standard RMS: 130.2 mV/m

Height above Insulators: 212.9' (60°) for all three towers.

Overall Height: 218.9' for all three towers.

Spacing and Orientation: Towers form a triangle. Tower #1 is the reference tower. Tower #2(NE) on line bearing 16.09° T is spaced 102.7° apart. Tower #3(NW) on line bearing 293.78°T is spaced 167.84° apart.

Non-Directional Antenna: SW(#1) theoretical efficiency 175.5 mV/m/kW.

Ground System consists of 120-300' copper radials plus 120-50' copper radials about base of each tower. Radials are shortened and bonded to transverse copper straps between towers.

2. **THEORETICAL SPECIFICATIONS**

	TOWER	SW(#1)	NE(#2)	NW(#3)
Phasing:	Night	0°	99.5°	67.27°
Field Ratio:	Night	1.0	1.396	0.536

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	Night	-100.5°	0°	-34°
Antenna Base Current Ratio:	Night	0.717	1.00	0.335
Antenna Monitor Sample Current Ratio:	Night	0.71	1.00	0.36

*** As indicated by** Potomac Instruments AM-19(204)

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

Field measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every seven days and appropriate record kept of all measurements so made.

DESCRIPTION OF AND FEILD STRENGTH OF MONITORING POINTS:

Direction of 27.5° True North. Leave transmitter site on Parkland Road for 0.21 mile and turn left (1st left) on Cormier and go for 0.42 mile to "T" at Gloria Switch. Turn right on Gloria Switch and proceed 1.81 miles to Junction of Route 167. Enter 167 to the right (north) and proceed 1.75 miles to Route 726 North turn-off. (726 Nor is east side service raod along 167). Take 726 North for 0.95 mile (overpass ahead); turns right before overpass to the overpass road (do not go over the overpass) continue right on 726 (north). At 6.12 miles there is a "T", turn right and proceed on 726 for 0.78 mile to the point. The point is on the north side of the raod, opposite an old building foundation in the field and the west edge of pipe in the ditch. The spot is further identified as being 75' west of the first pole east of a house located west of the point and on the south side of the road. (Pole #080). This is point #27 on Radial 27.5 degrees and the DA-N measured 1.3 mV/m. The point is located 5.19 miles from the transmitter site. The field intensity measured at this point should not exceed 1.5 mV/m.

Direction of 68° True North. Leave transmitter site on Parklane Road for 0.21 mile and turn left (1st left) on Cormier proceed for 0.42 mile to "T" at Gloria Switch. Turn right on Gloria Switch and proceed 1.81 miles to Junction of Route 167 to the right (north) and proceed 1.75 miles to Route 726 North turn-off. (726 North is East side service road along 167). Take 726 North for 0.95 mile (overpass ahead); 726 turns right before overpass to the overpass road, continue right on 726 (north), at 6.12 miles there is a "T", turn right proceeding 2.90 miles on 726 towards Route 31, passing Monitor Point #1 enroute. At Route 311 turn right (south) proceed 2.9 miles to a road to the right. (On the left on 31 is a long white fence) (you would have passed Route 354, 1.45 miles after leaving junction of Routes 726 and 31). Turn right (west) and proceed 1.70 miles to Monitor Point #2. (1.25 miles after turning on this road there is a sharp turn left then one right and later a curve left then right over a culvert past and old house on the right) the Point is located approximately 100' past house on north edge of the road. This is point #23 on Radial 68 degrees and the DA-N measured 0.31 mV/m. This point is located 5.93 miles from the transmitter. The field intensity measured at this point should not exceed 0.62 mV/m.

Direction of 309° True North. Leave the transmitter site on Parklane Road for 0.21 mile and turn left (1st left) on Cormier proceed for 0.42 mile to "T" at Gloria Switch. Turn right (west) on Gloria Switch and proceed to Junction of Route 167. Enter 167 to the right (north) and proceed 1.75 miles to Route 726 turn-off. (726 North is east side service road along 167). Take 726 North for 0.95 mile (overpass ahead); 726 turns right before overpass to the overpass road. At this junction turn left proceeding 0.35 mile over the overpass. The point is on the outside of the curve after leaving the overpass (west side) and is in line with the south edge of a coulee on the inside of the curve and the outside of the curve at the pavement edge. This is point #21 on Radial 309 degrees. The DA N measured 13 mV/m. This point is located 3.77 miles from the transmitter site. The field intensity measured at this point should not exceed 14.2 mV/m.

BC-208 CP. FILE NO. BP-801017AD FILE NO. BL-820405AH
June 1980
SPECS. FOR DIRECTIONAL OPERATION OF KJCB, Lafayette, Louisiana
FREQ: 770 kHz Nominal Power: 500 W, 1 kW-LS, DA-N, U
Antenna Input Power: 540 Watts night
1000 watts Day
Date:

DA-N

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	TOWER	SW(#1)	NE(#2)	NW(#3)
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Antenna Monitor Sample Current Ratio:	Night	0.71	1.00	0.36

* As indicated by **Potomac Instruments AM-19(204)**

The field strength in mV/m measured at the described monitoring points is not to exceed the following values:

27.5° true - 1.5 mV/m
68° true - 0.62mV/m
309° true - 14.2 mV/m