

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BR-800729VA
BL-810421AA

Call Sign: K D E S

STANDARD BROADCAST STATION LICENSE
RENEWAL & MODIFICATION

JAC 70: 67355

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, ¹the LICENSEE

TOURTELOT BROADCASTING COMPANY

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 DECEMBER 1, 1983

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

- On a frequency of 920 kHz.
- With nominal power of 1 kilo watts nighttime and 5 kilo watts daytime,
with antenna input power of 1080 watts --- directional

Common Point	current	4.47 amperes
Common Point	resistance	54 ohms,
Common Point	current	10 amperes
Common Point	resistance	54 ohms

and antenna input power of 5400 watts --- directional

Common Point	current	10 amperes
Common Point	resistance	54 ohms

- Hours of operation: Unlimited Time:
Average hours of sunrise and sunset:
Jan. 6:45 am to 5:00 pm; Feb. 6:30 am to 5:30 pm;
Mar. 6:00 am to 6:00 pm; Apr. 5:15 am to 6:15 pm;
May 4:45 am to 6:45 pm; June 4:30 am to 7:00 pm;
July 4:45 am to 7:00 pm; Aug. 5:00 am to 6:30 pm;
Sep. 5:30 am to 6:00 pm; Oct. 5:45 am to 5:15 pm;
Nov. 6:15 am to 4:45 pm; Dec. 6:45 am to 4:45 pm;
Pacific Standard Time (Non-Advanced)

- With the station located at: Palm Springs, California
- With the main studio located at: 821 North Palm Canyon Drive
Palm Springs, California
- Remote control point: Same as main studio location.

- Transmitter location: 3.6 miles NE of center of Palm Springs, California
North Latitude: 33° 51' 29"
West Longitude: 116° 29' 39"

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 11 & 21.

9. Transmitter(s): Type Accepted

10. Conditions: ---

Supersede authorization same date to include renewal file number.

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 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, 3 & 4.

Dated: June 17, 1981

FEDERAL
COMMUNICATIONS
COMMISSION



June 1980

File NO.: BL-810421AA
BR-800729VA

Call Sign: K D E S

Date: 6-17-81

DA-

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Four towers, guyed, steel, insulated, uniform, cross section. Theo RMS 400 mV/m, Day; 185 mV/m, Night; Std RMS 194.8 mV/m, night. An FM and remote pick-up antenna sidemounted on C(#3) tower.
Height above Insulators: 267' (90°)

Overall Height: 270'

Spacing and Orientation: with tower #3 as reference, tower #2 is spaced 90° on a line bearing 55°; tower #1 is spaced 180° on a line bearing 40° and tower #4 is spaced 90° on a line bearing 235°.

Non-Directional Antenna: None used.

Ground System consists of 120 267' equally spaced, buried, copper radials, plus 120 50' interspaced radials about the base of each tower. Radials are shortened and bonded to transverse copper straps midway between adjacent towers. Center of system are bonded together.

2. THEORETICAL SPECIFICATIONS

		N(#1)	NE(#2)	C(#3)	SW(#4)
Phasing:	Night	-31.8°	164.5°	0°	178.9°
	Day	-45°	—	0°	—
Field Ratio:	Night	0.308	0.848	1.0	0.575
	Day	0.750	—	1.0	—

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	-34.2°	174.2°	0°	-178°
	Day	-42°	—	0°	—

Antenna Base Current Ratio:	Night	0.283	0.767	1.00	0.489
	Day	0.670	—	1.00	—

Antenna Monitor Sample Current Ratio:	Night	0.27	0.747	1.00	0.528
	Day	0.628	—	1.00	—

* 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 intensity 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 thirty days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

DAYTIME

Direction of 40° true North. From the transmitter proceed south and east 1.10 miles to Vista Chino. Turn left and proceed east 1.80 miles to Date Palm Road. Turn left and proceed north 1.20 miles to Varner Road. Turn left and proceed west 2.20 miles to Mountain View Road. Turn right and proceed north 1.20 miles to 20th Avenue. Turn right and proceed east 1.00 mile to Long Canyon Road. Turn right and proceed south 0.50 mile to the intersection with an unmarked dirt road from the east. The monitoring point is located 40 feet west of the center of Long Canyon Road and 25 feet north of the center line of the dirt road from the east and is marked with pipe and metal tag. The field intensity measured at this point should not exceed 58.4 mv/m.

Direction of 220° true North. From the transmitter proceed south and east 1.10 miles to Vista Chino. Turn right and proceed west 2.20 miles to Sunrise Way. Turn left and proceed south 1.40 miles. The monitoring point is located at the fire hydrant on the west side of Sunrise Way, 300 feet south of Amado Road near the southeast corner of the General Telephone Company building. The field intensity measured at this point should not exceed 49.9 mv/m.

Direction of 260° true North. From the transmitter proceed south and east 1.10 miles to Vista Chino. Turn right and proceed west 2.20 miles to Sunrise Way. Turn right and proceed north 0.50 mile to Racquet Club Road. Turn left and proceed west 0.70 mile to Via Miraleste. Turn left and proceed south 0.10 mile to 2369 Via Miraleste. The monitoring point is located at the curb side mail box south of the driveway at 2369 Via Miraleste. The field intensity measured at this point should not exceed 40.8 mv/m.

NIGHTTIME

Direction of 13.5° true North. From the transmitter proceed south and east 1.10 miles to Vista Chino. Turn left and proceed east 1.80 miles to Date Palm Road. Turn left and proceed north 1.20 miles to Varner Road. Turn left and proceed west 2.20 miles to Mountain View Road. Turn right and proceed north 1.30 miles to 20th Avenue. Turn left and proceed west 0.30 mile to Paint Brush Trail. The monitoring point is located at the northeast corner of Paint Brush Trail and 20th Avenue at the white street sign. The field intensity measured at this point should not exceed 8.8 mv/m.

Direction of 124.5° true North. From the transmitter proceed south and east 1.10 miles to Vista Chino. Turn left and proceed east 1.80 miles to Date Palm Road. Turn right and proceed south 0.50 mile to Tachvah Drive. Turn right and proceed west 0.10 mile to first cross road. Monitoring point is located near edge of pavement at northeast corner of intersection. The field intensity measured at this point should not exceed 11.6 mv/m.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (CONT'D)

NIGHTTIME

Direction of 175.5° true North. From transmitter proceed south and east 1.10 miles to Vista Chino. Turn right and proceed west 0.95 mile to Bogie Road. Turn left and proceed south 2.00 miles to Mission Drive. Turn left and proceed east 0.10 mile to San Antonio Drive. Turn left and proceed north 0.35 mile to San Jose Drive. Monitoring point is located at the edge of the pavement at the street sign for San Jose Drive and San Gabriel Circle just east of San Antonio Drive. The field intensity measured at this point should not exceed 25 mv/m.

Direction of 306.5° true North. From the transmitter proceed south and east 1.10 miles to Vista Chino. Turn right and proceed west 3.40 miles to Indian. Turn right and proceed north 4.30 miles to frontage road north of freeway. Turn left and proceed west 3.55 miles to monitoring point located on east side of road 5 feet east of pavement and marked with painted metal post. This point is 0.35 mile south of Dillon. The field intensity measured at this point should not exceed 1.4 mv/m.