

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: ES-3810

Call Sign: K D L F

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

DAVID LIVINGSTONE MISSIONARY FOUNDATION, 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 August 1, 1980

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

1. On a frequency of 1150 kHz.
2. With nominal power of - watts nighttime and 500 watts daytime,
with antenna input power of - watts directional - current - amperes
antenna nighttime - resistance - ohms,
and antenna input power of 540 watts directional Common Point current 3.28 amperes
antenna daytime Common Point resistance 50 ohms

3. Hours of operation: Daytime as follows:
Jan. 7:15am to 5:45pm; Feb. 7:00am to 6:00pm;
Mar. 6:30am to 6:30pm; Apr. 5:45am to 6:45pm;
May 5:30am to 7:00pm; June 5:15am to 7:15pm;
July 5:30am to 7:15pm; Aug. 5:45am to 7:00pm;
Sep. 6:00am to 6:15pm; Oct. 6:15am to 5:45pm;
Nov. 6:45am to 5:15pm; Dec. 7:00am to 5:15pm;
Central Standard Time (non-advanced)

4. With the station located at: Port Neches, Texas
5. With the main studio located at: 3185 Merriman Street
Port Neches, Texas
6. Remote control point: Main studio

7. Transmitter location: 0.35 mile north of North Latitude: 30° 04' 45" ^o ['] ^{''}
Jap Lane, Orange, Texas West Longitude: 93° 57' 05" ^o ['] ^{''}

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:

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 & 3

dt Dated August 10, 1979

FEDERAL
COMMUNICATIONS
COMMISSION



0.5 DAY

0.063 N

File No.: BS-3810

Call Sign: K D L F

Date: 8-10-79

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA-D

No. and Type of Elements: Two, uniform cross section, guyed, series excited, vertical towers. Theo. RMS 127 mv/m

204.39 DAY & NITE 72.55

DAY AVG 215.48 Q: 1.10
 NITE 76.4955 Q: 3.55

Height above Insulators: 220' (92.5')

Overall Height: 225'

Spacing and Orientation: 404' (170°) between towers on a line bearing 85° true

Non-Directional Antenna: None

Ground System consists of 120 equally spaced, buried, copper radials 240' in length about each tower, intersecting radials shortened and bonded to a transverse copper strap, plus 120 equally spaced, buried, copper radials 50' in length.

2. THEORETICAL SPECIFICATIONS	East (#1)	West (#2)
Phasing:	0°	-5°
Field Ratio:	1.0	0.9
3. OPERATING SPECIFICATIONS		
Phase Indication*:	0°	-12°

Antenna Base	1.0	0.827
Current Ratio:		

Antenna Monitor Sample		
Current Ratio:	1.0	0.820

*As indicated by Potomac Instruments antenna monitor.
 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 an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 85° true North. From the east gate of the station property, proceed south 0.3 mile to Jap Lane. Turn left and continue 2.6 miles to the intersection of FM 1135. Turn right and continue 0.3 mile to the monitoring point which is on the east side of the road in a driveway leading to a field. Distance from the array is 2.15 miles. The field intensity measured at this point should not exceed 9.8 mv/m.

Direction of 265° true North. From the east gate of the station property, proceed south 0.3 mile to Jap Lane. Turn right and continue 0.5 mile to intersection of FM 105. Continue on FM 105 for 2.45 miles to Mansfield Ferry Road forks. Turn left on the left fork and continue 0.8 mile to the monitoring point which is in the middle of the road. Distance from the array is 2.22 miles. The field intensity measured at this point should not exceed 12.0 mv/m.