

Federal Communications Commission

AM BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

Darby Ventures, LLC
PO Box 8914
Lumberton, TX, 77657

Call Sign

KHTW

Facility ID

31108

File Number 0000222859	This Permit Modifies License File No. BMML-20090622AGP	
Filing Date 12/18/2023	Grant Date 01/23/2024	Expiration Date 36 months after the grant date
Description Text Permit to reduce power and change from DA to ND using existing daytime tower #2.		

Community of License City: Lumberton State: TX	Frequency (KHz) 1300	Station Class D	Service Type Main
Facility Type Commercial			
Hours of Operation Daytime Nighttime			
Station Antenna Modes/Antenna Types Daytime: Non-Directional Nighttime: Non-Directional			

Average Hours of Sunrise and Sunset

Local Standard Time (Non-Advanced)

Month	Sunrise	Sunset
January	7:15	17:45
February	7:00	18:00
March	6:30	18:30
April	5:45	18:45
May	5:30	19:00
June	5:15	19:15
July	5:30	19:15
August	5:45	19:00
September	6:00	18:30
October	6:15	17:45
November	6:45	17:15
December	7:00	17:15

Transmitter

Type Accepted. See Sections 73.1660, 73.1665, and 73.1670 of the Commission's Rules

Antenna Mode: Daytime

Antenna Type: Non-Directional

Antenna Coordinates (NAD 83) Latitude 30° 13' 59.0" N Longitude 94° 12' 41.5" W				Nominal Power (kW) 1.7		
Antenna Structure Registration Number(s)						
Tower No.	ASRN	Overall Height (m)				
1		47.5				
Radiator Height 45.7 meters 71.3 degrees				Theoretical Efficiency 293.615 mV/m/kw at 1 km		
Theoretical Parameters						
Tower No.	Field Ratio	Phasing (deg.)	Spacing (deg.)	Orientation (deg.)	Tower Ref. Switch*	Height (deg.)
1	1	0	0	0	0	71.3
<p>* Tower Reference Switch</p> <p>0 = Spacing and orientation from reference tower 1 = Spacing and orientation from previous tower</p>						
Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)						
Tower No.	Tower Type	A	B	C	D	
1	Neither					

Antenna Mode: Nighttime

Antenna Type: Non-Directional

Antenna Coordinates (NAD 83) Latitude 30° 13' 59.0" N Longitude 94° 12' 41.5" W				Nominal Power (kW) 0.02		
Antenna Structure Registration Number(s)						
Tower No.	ASRN	Overall Height (m)				
1		47.5				
Radiator Height 45.7 meters 71.3 degrees				Theoretical Efficiency 293.615 mV/m/kw at 1 km		
Theoretical Parameters						
Tower No.	Field Ratio	Phasing (deg.)	Spacing (deg.)	Orientation (deg.)	Tower Ref. Switch*	Height (deg.)
1	1	0	0	0	0	71.3
<p>* Tower Reference Switch</p> <p>0 = Spacing and orientation from reference tower 1 = Spacing and orientation from previous tower</p>						
Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)						
Tower No.	Tower Type	A	B	C	D	
1	Neither					

Special operating conditions or restrictions

The permittee /licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

- Before program tests are authorized, permittee shall dismantle the unused existing daytime antenna tower #1, or in lieu thereof, submit a proof of performance to establish that the proposed radiation pattern is essentially omnidirectional. The proof shall include at least six approximately equally-spaced radials with sufficient close-in points that the inverse distance fields can be clearly established. Or an acceptable MOM proof must be submitted as mentioned in the construction permit application.
- Ground system consists of 120 equally spaced, buried, copper radials, each 57.6 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus 120 interspersed radials 15.2 meters in length, about the base of each tower. Existing daytime tower #2 used for ND operation, while existing daytime tower #1 being detuned.
- Permittee shall install a FCC type accepted transmitter, and submit the make and model number of transmitter installed with the application for license.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.