

FCC Form 352  
June 1984

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-841001AR  
FAC ID: 26151  
Call Sign: WLLN

AM BROADCAST STATION LICENSE

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

HARNETT B/CAST., 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 DECEMBER 1, 1988 in accordance with the following:

1. Station location: Lillington, North Carolina
2. Main Studio location:  
(Listed only if not at transmitter site or not within boundaries of principal community)
3. Remote control location: - -
4. Transmitter location: 0.7 miles east on Rural Rd North latitude: 35 ° 23 ' 16 "  
2016 Lillington, NC West longitude: 78 ° 48 ' 22 "
5. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.)
6. Antenna and ground system: Attached
7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: None Required.
8. Frequency (kHz): 1370
9. Nominal power (kW): 5.0 Day  
- Night  
Antenna input power (kW): 5.4 Day  
☐ Non-directional antenna: current 10.4 amperes; resistance 50 ohms.  
☒ Directional antenna : current : amperes; resistance : ohms.  
☐ Non-directional antenna: current amperes; resistance ohms.  
☐ Directional antenna : current : amperes; resistance ohms.
10. Hours of operation: Specified in construction permit (BP -811109AR (replaced by BP-841005AF) REFERS TO LATEST LIC.
11. Conditions: - - - Night

The Commission reserves the right during said license period of terminating this license or making effective any change, 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, as amended. 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, as amended.



File NO.: BL-841001AR

Call Sign: WTLN

Date: 10-11-84

**1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

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**No. and Type of Elements:** Three (3) uniform cross-section, guyed, steel series excited radiators: Theoretical RMS 394.70 Std RMS. 414.67.

**Height above Insulators:** 180' (90.2°)

**Overall Height:** 183'

**Spacing and Orientation:** With tower #1 as reference #2 tower is spaced 188° at a bearing of 357° T. Tower #3 is spaced 388° on a line bearing 358° T.

**Non-Directional Antenna:** None Used.

**Ground System consists of** 120-180' equally spaced, buried, copper radials about the base of each tower. Intersecting radials shortened and bonded to transverse copper strap midway between towers. In addition a 24'x24' ground screen has been installed at base of each tower.

**2. THEORETICAL SPECIFICATIONS**

Phasing:	Tower	S(#1)	C(#2)	N(#3)
Day		0.0	25.6	170.9

Field Ratio:	Day	1.0	0.78	0.59
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**3. OPERATING SPECIFICATIONS**

Phase Indication*:	Day	0°	4°	152°
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Antenna Base				
Current Ratio:	Day	1.00	0.796	0.380

Antenna Monitor Sample				
Current Ratio:	Day	1.00	0.80	0.42

\* As indicated by Potomac Instruments AM-19(204 Antenna Monitor.

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 FIELD STRENGTH OF MONITORING POINTS:

Direction of 24.5° true North. From the parking lot of the station, drive north to SR 2016, turn left and go 0.8 miles to the junction of highways 401/210 and SR 2016. Turn right and go 1.9 miles to the junction of highways 421, 201 and 210. Continue straight on highway 210 for 0.5 miles to the junction of SR 1516, turn right. Go 1.0 miles to SR 1517, turn right, go 500 feet to a dirt road on the left. Take reading on dirt road 150' east of the center of SR 1517. Distance point #23 is 3.15 mi. The field intensity measured at this point should not exceed 9.4 mV/m.

Direction of 82° true North. Leave station and travel north to SR 2016, turn left and travel 0.8 miles to the junction of highways 401/210 and SR 2016. Turn right and go 1.9 miles to the junction of highways 421, 401 and 210. Turn right onto highway 421 and travel east 4.6 miles. Park at dirt road on the right. Walk back 200 feet on Highway 421. Take reading 36 feet south of the center of Highway 421, near the concrete culvert. Distance point #15 is 4.2 mi. The field intensity measured at this point should not exceed 14.5 mV/m.

Direction of 168.5° true North. Leave station and drive north to SR 2016, turn left and go 0.8 miles to the junction of highways 401/210 and SR 2016. Turn left on highway 401 and travel south, remaining on highway 401, 2.9 miles to SR 2034. The point is on SR 2034 115' east of the center of highway 401, just south of wooden post. Distance point #23 is 2.32 mi. The field intensity measured at this point should not exceed 9.1 mV/m.

Direction of 187.5° true North. From the parking lot of the station, drive north to SR 2016, turn left and go 0.8 miles to the junction of highways 401/210 and SR 2016. Turn left on highway 401 and travel south, remaining on highway 401, 2.9 miles to SR 2034. Turn right on SR 2034 and go 0.9 miles to dirt access road. Take reading 20' north from the center of the intersection of SR 2034 and the dirt access road. Distance point #13 is 2.37 mi. The field intensity measured at this point should not exceed 8.3 mV/m.

JUL 17 1985

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION

AM

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The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
NC	BL	NC	NC	NC
	84100JAR	WLN	HARNETT BROADCAST, INC.	LIC. TO COVER (BP-841005AF) FOR CHGS.
	1370KHZ		LILLINGTON	
	KA-35204		LILLINGTON	

HARNETT BROADCAST, INC.

DEC 1, 1984

LICENSE EXPIRATION DATE

CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT ( ) CONSTRUCTION DATES, START

END

CONTESTED ( ) UNCONTESTED ( )

GRANTED

JUL 11 1985

JUL 11 1985

APPROVED

FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.