



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

LONG COMMUNICATIONS, LLC.
 PO BOX 1059
 HICKORY NC 28603

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 65918

Call Sign: WHKY

Permit File Number: BMP-20020906AAG

Grant Date: December 04, 2002

The authority granted herein has no effect on the expiration date of the underlying construction permit.

This day construction permit authorization re-issued to add daytime and nighttime inverse distance field strengths. (4/28/04-EAL)

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.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

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

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
 Local Standard Time (Non-Advanced)

Jan.	7:30 AM	5:30 PM	Jul.	5:15 AM	7:45 PM
Feb.	7:15 AM	6:00 PM	Aug.	5:45 AM	7:15 PM
Mar.	6:30 AM	6:30 PM	Sep.	6:00 AM	6:30 PM
Apr.	6:00 AM	7:00 PM	Oct.	6:30 AM	5:45 PM
May	5:15 AM	7:30 PM	Nov.	7:00 AM	5:15 PM
Jun	5:15 AM	7:45 PM	Dec	7:30 AM	5:15 PM

Name of Permittee: LONG COMMUNICATIONS, LLC.

Station Location: HICKORY, NC

Frequency (kHz): 1290

Station Class: B

Antenna Coordinates:

Day

Latitude: N 35 Deg 43 Min 35 Sec
Longitude: W 81 Deg 18 Min 02 Sec

Night

Latitude: N 35 Deg 43 Min 35 Sec
Longitude: W 81 Deg 18 Min 02 Sec

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

Nominal Power (kW): Day: 50.0 Night: 1.0

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Table with 3 columns: Tower No., ASRN, Overall Height (m). Rows: 1 1019099, 2 1019102, 3 None 60.4

Night:

Table with 3 columns: Tower No., ASRN, Overall Height (m). Rows: 1 1019099, 2 1019100, 3 1019101, 4 1019102

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2190 Night: 321.9

Standard RMS (mV/m/km): Day: 2301

Augmented RMS (mV/m/km): Night: 338.6

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	96.8
2	0.8810	-127.700	135.0000	267.000	0	96.8
3	0.9110	-32.400	124.4000	301.500	0	92.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	96.8
2	0.8000	68.000	135.0000	357.000	0	96.8
3	0.7200	248.000	190.9000	312.000	0	96.8
4	0.9000	180.000	135.0000	267.000	0	96.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	41.0	10.0	103.00
2	41.0	68.0	86.90
3	169.0	10.0	98.17
4	177.0	10.0	32.99
5	183.0	10.0	77.81
6	300.0	10.0	193.12
7	332.0	12.0	55.52

Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Day:

Azimuth:	Radiation:
87.5	475.7 mV/m

Night:

Azimuth:	Radiation:
41	103 mV/m
169	98.2 mV/m
177	33 mV/m
183	77.8 mV/m
332	55.5 mV/m

Special operating conditions or restrictions:

- 1 The permittee/licensee 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.
- 2 A complete nondirectional proof of performance, in addition to a complete proof on the day directional antenna system, shall be submitted before program tests are authorized. The nondirectional and directional field strength measurements must be made under similar environmental conditions.
- 3 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 4 A partial proof of performance on the night directional antenna system made in accordance with section 73.154(a) of the Rules shall be submitted before program tests are authorized.

Special operating conditions or restrictions:

- 5 120 equally spaced, buried, copper radials about the base of each tower, each 58.1 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

*** END OF AUTHORIZATION ***