



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

Base Communications, Inc.
P.O. Box 889
Blacksburg VA 24063

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 72967

Call Sign: WSGH

License File Number: BL-19980403KE

Grant Date: June 26, 1998

This license expires 3:00 a.m.
local time, December 01, 2027.

This authorization superseded to correct all missing engineering params.
(JBS 2/28/23)

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

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 the 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.

Hours of Operation: Daytime with Secondary nighttime

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.	5:45 AM	7:00 PM	Oct.	6:30 AM	5:45 PM
May	5:15 AM	7:15 PM	Nov.	7:00 AM	5:15 PM
Jun.	5:00 AM	7:45 PM	Dec.	7:30 AM	5:15 PM

Name of Licensee: Base Communications, Inc.

Station Location: LEWISVILLE, NC

Frequency (kHz): 1040

Station Class: D

Antenna Coordinates:

Day

Latitude: N 36 Deg 08 Min 06 Sec

Longitude: W 80 Deg 30 Min 14 Sec

Night

Latitude: N 36 Deg 08 Min 06 Sec

Longitude: W 80 Deg 30 Min 14 Sec

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

Nominal Power (kW): Day: 9.1 Night: 0.182

Antenna Input Power (kW): Day: 9.6 Night: 0.197

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 13.84 Night: 1.98

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1007573	
2	None	57
3	None	57

Night:

Tower No.	ASRN	Overall Height (m)
1	1007573	
2	None	57
3	None	57

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1032.54 Night: 140.23

Standard RMS (mV/m/km): Day: 1084.96 Night: 147.62

Augmented RMS (mV/m/km):

Q Factor: Day: 34.49 Night: 10

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	123.3
2	1.0600	152.800	90.0000	270.000	0	TL/S
3	0.3800	-63.600	180.0000	270.000	0	TL/S

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
2	70.0	28.20	.00	.00
3	70.0	28.20	.00	.00

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	123.3
2	1.5800	120.700	90.0000	270.000	0	TL/S
3	0.7200	-117.800	180.0000	270.000	0	TL/S

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
2	70.0	28.20	.00	.00
3	70.0	28.20	.00	.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-147.6	0.944
2	0	1

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
3 150.3	0.32

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 -122.2	0.82
2 0	1
3 118.8	0.462

Antenna Monitor: POTOMAC INSTRUMENTS 1901 (4188)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
183	2.39	59.19
357	3.18	23.81

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
206.5	2.69	4.52
241	3.02	2.3
299	2.71	1.74
333.5	2.32	2.54

Special operating conditions or restrictions:

- 1 Ground system consists of 120 equally spaced, buried, copper radials, each 73 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus 120 interspersed radials 15 meters in length, about the base of each tower.

*** END OF AUTHORIZATION ***