



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

INTERNATIONAL BAPTIST OUTREACH MISSIONS
 70 ADAM'S HILL ROAD
 ASHEVILLE NC 28806

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Grant Date: January 09, 2002

Facility Id: 2921

Call Sign: WKJV

This license expires 3:00 a.m.
 local time, December 01, 2003.

License File Number: BL-20011005ABW

This License Covers Permit No.: BP-20010130AAJ

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: Unlimited

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

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

Callsign: WKJV

License No.: BL-20011005ABW

Name of Licensee: INTERNATIONAL BAPTIST OUTREACH MISSIONS

Station Location: ASHEVILLE, NC

Frequency (kHz): 1380

Station Class: B

Antenna Coordinates:

Day

Latitude: N 35 Deg 36 Min 19 Sec

Longitude: W 82 Deg 35 Min 31 Sec

Night

Latitude: N 35 Deg 36 Min 19 Sec

Longitude: W 82 Deg 35 Min 31 Sec

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

Nominal Power (kW): Day: 25.0 Night: 1.0

Antenna Input Power (kW): Day: 25.0 Night: 1.08

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 23.19 Night: 5

Resistance (ohms): Day: 46.5 Night: 43.2

Non-Directional Antenna: Day

Radiator Height: 54.25 meters; 90 deg

Theoretical Efficiency: 305.78 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	55.47

Night:

Tower No.	ASRN	
1	None	55.47
2	None	55.47
3	None	55.47
4	None	55.47

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 376.59
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 396.37
 Q Factor: Night: 23.5

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	54.000	0.0000	0.000	0	89.9
2	1.9630	-101.900	90.0000	122.000	0	89.9
3	1.9630	101.900	180.0000	122.000	0	89.9
4	1.0000	-54.000	270.0000	122.000	0	89.9

* 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	12.0	10.0	50.53
2	50.0	10.0	88.77
3	63.0	10.0	108.82
4	181.0	10.0	140.50

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	34	0.41
2	-155.3	0.89
3	0	1
4	155	0.61

Antenna Monitor: GORMAN REDLICH CM(239)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
12	3.73	3.32
40	4.05	9.3
63	4.49	9.7
181	4.3	8.3
219	3.49	9.3
302	3.52	2.4
337	2.88	13

Special operating conditions or restrictions:

1 Ground System Description:

140-240 feet equally spaced, buried copper radials about the base of each tower, plus a 45 feet square copper ground screen at the base of each tower.

2 Description of and Field Strength of Monitoring Points:

Direction of 12° True North: Go east from station to Pearson Bridge; cross French Broad River on Pearson Bridge, turn left on River Road one-half mile to intersection of highway #63 and #191. Go North 0.6 mile to Elkwood Road, turn Northeast on Elkwood Road to U.S. Highways #19 and #23, also known as Merrimon Avenue at this point. Turn left 0.2 mile to red brick store on left. Turn left at the red brick store approximately 100 feet, then turn right onto Old Weaverville Highway. Go approximately 150 feet and turn left onto N.C. State Road #1710, proceed 0.33 mile to point which is on left edge of road, adjacent to culvert, which is 87 feet west of sewer man hole cover in road. Distance = 2.32 miles. The field intensity measured at this point should not exceed 3.35 mV/m.

Direction of 40° True North: Go east from station to Pearson Bridge; cross French Broad River on Pearson Bridge, turn left on River Road one-half mile to intersection of highway #63 and #191. Go North 0.6 mile to Elkwood Road. Turn north on Elkwood Road one-half mile to Lakeshore Drive. Right on Lakeshore Drive, proceed 0.9 mile to Edgewater Lane. Point center of street opposite fourth maple tree, northeast side of street. Distance = 2.52 miles. The field intensity measured at this point should not exceed 9.3 mV/m.

Direction of 63° True North: Go east from station to Pearson Bridge; cross French Broad River on Pearson Bridge, turn left on River Road one-half mile to intersection of highway #63 and #191. Turn right, proceed 1.1 miles to Hillside Street, left on Hillside 0.9 mile to Charlotte Street. Left on Charlotte 0.1 mile to Edwain Place. Turn left on Edwain Place and continue 1.3 miles to intersection of Kimberly Avenue and Sedley Place. Point at fireplug east side of junction. Distance = 2.79 miles. The field intensity measured at this point should not exceed 9.7 mV/m.

Special operating conditions or restrictions:

- 3 Direction of 181° True North: Go southeast to junction of Emma Road. Go south on Emma Road, which later becomes Louisiana Avenue, to dead end at Haywood Road, right on Haywood Road to Brevard Road. Left on Brevard Road for 0.75 miles to junction of Samayoa Road and Morningside Drive. Point is on west side of small island which is at junction of Brevard Road, Samayoa Road, and Morningside Drive. Distance = 2.67 miles. The field intensity measured at this point should not exceed 8.3 mV/m.

Direction of 219° True North: Go southeast to junction of Emma Road. Go south 1.1 miles to Southern Railway Crossing, then south on dirt road 1.3 miles to Haywood Road. Right on Haywood Road 1.3 miles to Deaverview Road. Right on Deaverview Road 0.48 mile to intersection. Point at edge of flower garden located at corner of Rock house. Distance = 2.17 miles. The field intensity measured at this point should not exceed 9.3 mV/m.

Direction of 302° True North: Go left from station up hill to junction just beyond Riverview Church, right on dirt road to intersection of Highway 65 and 191. Left on Highway 0.6 mile to Macadam Road, left on Macadam Road 1 mile to dirt road just beyond bridge, right on dirt road 0.3 mile to brook. Point left side of road where brook crosses. Distance = 2.19 miles. The field intensity measured at this point should not exceed 2.4 mV/m.

Direction of 302° True North: Go left from station up hill to junction just beyond Riverview Church, right on dirt road to intersection of Highway #63 and 191. Right on highway 0.3 mile to dirt road on left. Turn left on dirt road 0.2 mile to old barn on left side of road. Point located center of road next to corner of old barn. Distance = 1.79 miles. The field intensity measured at this point should not exceed 13 mV/m.

*** END OF AUTHORIZATION ***