



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

*Ann Gallagher*

Ann Gallagher  
 Senior Engineer  
 Audio Division  
 Media Bureau

Grant Date:

This license expires 3:00 a.m.  
 local time, June 01, 2014.

Official Mailing Address:

ENTERCOM BUFFALO LICENSE, LLC  
 401 CITY AVENUE  
 SUITE 809  
 BALA CYNWYD PA 19004

Facility Id: 34383

Call Sign: WWKB

License File Number: BZ-19850513AI

This license re-issued on 11/01/11 to add a special operating condition permitting use of modulation-dependent carrier level technology.

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	5:00 PM	Jul.	4:45 AM	7:45 PM
Feb.	7:15 AM	5:45 PM	Aug.	5:15 AM	7:15 PM
Mar.	6:30 AM	6:15 PM	Sep.	6:00 AM	6:30 PM
Apr.	5:30 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	5:00 AM	7:30 PM	Nov.	7:00 AM	5:00 PM
Jun.	4:30 AM	8:00 PM	Dec.	7:45 AM	4:45 PM

Name of Licensee: ENTERCOM BUFFALO LICENSE, LLC

Station Location: BUFFALO, NY

Frequency (kHz): 1520

Station Class: A

Antenna Coordinates:

Unlimited

Latitude: N 42 Deg 46 Min 10 Sec

Longitude: W 78 Deg 50 Min 34 Sec

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

Nominal Power (kW): Unlimited: 50.0

Antenna Input Power (kW): Unlimited: 52.5

Antenna Mode: Unlimited: DA

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

Current (amperes): Unlimited: 32.4

Resistance (ohms): Unlimited: 50

Antenna Registration Number(s):

Unlimited:

Tower No.	ASRN	Overall Height (m)
1	1004574	
2	1004573	
3	1004572	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Unlimited: 2776.1:

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Unlimited: 2936.88

Q Factor: Unlimited:

Theoretical Parameters:

Unlimited Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	136.000	0.0000	0.000	0	194.7
2	1.9950	69.600	120.0000	77.000	0	194.7
3	1.0000	0.000	120.0000	77.000	1	194.7

\* 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	22.0	56.0	4425.70
2	50.0	54.0	3903.79
3	77.0	54.0	3701.49
4	105.0	54.0	3926.96
5	132.0	48.0	4425.70
6	156.0	38.0	3745.59
7	175.0	38.0	2397.12
8	200.0	46.0	689.44
9	223.0	12.0	105.57
10	229.0	12.0	95.27
11	247.0	12.0	61.16
12	267.0	20.0	61.16
13	285.0	20.0	64.37
14	320.0	50.0	1015.98
15	350.0	60.0	3227.76

Antenna Monitor: POTOMAC INSTRUMENTS AM-19D (210)

Monitoring Points:

Unlimited Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
156	3.8	640
223	4.39	71
249	3.57	24.3
267	2.12	67
285	1.69	175

Special operating conditions or restrictions:

- 1 The ground system consists of 120 equally spaced radials 350 feet (107 meters) in length, shortened and bonded to a transverse strap, plus a 50' x 50' (15 m x 15 m) ground screen about each tower.

Special operating conditions or restrictions:

2 MONITORING POINT DESCRIPTIONS:

156° - From the transmitter site, proceed 0.33 mile east on Big Tree Road to Bay View Road. Turn right and go 0.78 mile southeast to U.S. Route 62. Turn right and go 1.85 miles south to the entrance to the Erie County Fairgrounds. Turn left into the Fairgrounds. The monitoring point is on the entrance road, 250 feet east of Route 62. Distance from the transmitter is 2.36 miles (3.8 km). The field strength at this point should not exceed 640 mV/m.

223° - From the transmitter site, proceed 0.33 mile east on Big Tree Road to Bay View Road. Turn right and go 0.78 mile southeast to U.S. Route 62. Turn right and proceed 0.1 mile to U.S. Route 20. Turn right and proceed 3.0 miles to Rogers Road. Turn right and go 0.2 mile to entrance to Bethlehem Management Club. Turn left into drive and proceed southwest to corner of Club parking lot. Monitoring point is at south edge of parking lot opposite last light pole. Distance from the transmitter is 2.73 miles (4.39 km). The field strength at this point should not exceed 71.0 mV/m.

249° - From the transmitter site, proceed 1.1 miles west on Big Tree Road to Route 5. Turn left and proceed 1.5 miles southwest to Rogers Road. Turn left and proceed 0.05 mile to ball field. Monitoring point is in ball field, 50 feet southeast of gate to firehouse parking lot. Distance from the transmitter is 2.22 miles (3.57 km). The field strength at this point should not exceed 24.3 mV/m.

267° - From the transmitter site, proceed 1.1 miles west on Big Tree Road to Route 5. Turn left and proceed 0.4 mile to Beach Avenue. Turn left and proceed 0.1 mile to 4290 Beach Avenue. Monitoring point is in driveway to house, 20 feet from the road. Distance from the transmitter is 1.32 miles (2.12 km). The field strength at this point should not exceed 67 mV/m.

285° - From the transmitter site, proceed 1.05 miles west on Big Tree Road to the hot dog stand on North. Monitoring point is in the parking lot, 50 feet north of road. Distance from the transmitter is 1.05 miles (1.69 km). The field strength at this point should not exceed 175 mV/m.

3 Waiver of Section 73.1560(a) is granted to permit the licensee to operate with modulation-dependent carrier level control, which reduces transmitter power at certain modulation levels.

\*\*\* END OF AUTHORIZATION \*\*\*