



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

Authorizing Official:

Official Mailing Address:

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ENTERCOM MIAMI LICENSE, LLC  
 401 E. CITY AVENUE  
 SUITE 809  
 BALA CYNWYD PA 19004

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Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

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Facility Id: 30837

Call Sign: WAXY

License File Number: BL-20110419ACU

Grant Date: July 29, 2011

This license expires 3:00 a.m.  
 local time, February 01, 2012.

This supersedes authorization of same date to correct the average hours of sunrise and sunset (See condition #5). HKC 9/14/2011

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

Name of Licensee: ENTERCOM MIAMI LICENSE, LLC

Station Location: SOUTH MIAMI, FL

Frequency (kHz): 790

Station Class: B

Antenna Coordinates:

Day

Latitude: N 25 Deg 45 Min 24 Sec

Longitude: W 80 Deg 38 Min 22 Sec

Night

Latitude: N 25 Deg 45 Min 24 Sec

Longitude: W 80 Deg 38 Min 22 Sec

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

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: 5.4 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10 Night: 10

Resistance (ohms): Day: 54 Night: 54

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1030638	
2	1030635	
3	1030636	

Night:

Tower No.	ASRN	Overall Height (m)
1	1030634	
2	1030635	
3	1030637	
4	1030636	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 707.79 Night: 683.97

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 744.54 Night: 728.77

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	TL/S
2	1.9470	-102.600	100.0000	46.000	0	TL/S
3	1.0000	-205.100	100.0000	46.000	1	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
1	72.4	10.00	.00	.00
2	72.4	10.00	.00	.00
3	72.4	10.00	.00	.00

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	170.0	10.0	40.23
2	226.0	50.0	45.06
3	251.0	50.0	28.16
4	310.0	43.0	379.81
5	331.5	43.0	754.75

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	TL/S
2	0.8500	-19.700	225.0000	351.000	0	TL/S
3	0.9000	-94.000	100.0000	46.000	0	TL/S

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
4	0.7650	-113.700	225.0000	351.000	1	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
1	72.4	10.00	.00	.00
2	72.4	10.00	.00	.00
3	72.4	10.00	.00	.00
4	72.4	10.00	.00	.00

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	13.0	10.0	218.87
2	18.0	10.0	160.93
3	66.0	20.0	1792.81
4	76.0	20.0	1913.98
5	102.0	40.0	1175.46
6	110.0	16.0	788.58
7	120.0	13.0	332.81
8	126.5	40.0	151.04
9	133.0	13.0	249.45
10	170.0	30.0	280.99
11	180.0	20.0	170.59
12	190.0	30.0	88.51
13	205.0	10.0	48.28
14	210.0	10.0	48.28
15	215.0	10.0	56.33
16	231.0	22.0	120.70
17	256.0	10.0	107.83
18	261.0	10.0	136.79
19	272.0	22.0	296.28
20	323.0	10.0	136.79
21	328.0	10.0	175.42

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	101.5	0.592
2	0	1
3	-106	0.442

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	19	0.89
2	0	1
3	-86	0.8
4	-101	1

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

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)
176	6.12	2.8
187	6.12	4.2
226	4.83	5
251	3.7	6.3

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
18	46.69	34
126.5	1.93	45
210	6.6	3
256	3.54	36
323	5.64	23

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.

## Special operating conditions or restrictions:

- 2 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 94.51 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 a copper ground screen 7.32 meters square, about the base of each tower.

## 3 DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 18° True North: Leaving the transmitter by helicopter fly along the Tamiami Trail to the north extension of the Blue Shanty Canal. Thence fly northward for a distance of 2.5 miles to a tee junction with an old east west canal, thence fly eastward for 1/10 miles to the monitor point. This location number 12 and lies at a distance of 29 miles from the transmitter site. The field intensity measured at this point should not exceed 34.0 mV/m, Nighttime.

Direction of 126.5° True North: Leaving the transmitter site proceed east on the Tamiami Trail for 0.9 miles to the Safari Air Boat Dock. Renting a boat proceed southeast along the Blue Shanty Canal for 1.0 miles to the monitoring point. It is in the center of the canal. This location number 6 and lies at a distance of 1.2 miles from the transmitter site. The field intensity measured at this point should not exceed 45.0 mV/m, Nighttime.

Direction of 176° True North: Leaving the transmitter site proceed east on the Tamiami Trail for 0.9 miles to the Safari Air Boat Dock. Renting a boat proceed south along the Blue Shanty Canal for 4.0 miles to a point where the canal turns west, and proceed 0.7 miles to the measuring location. The reading is taken east of Frank's Hammock. This location number 14 and lies at a distance of 3.8 miles from the transmitter site. The field intensity measured at this point should not exceed 2.8 mV/m, Daytime.

Direction of 187° True North: From monitor point 176? proceed west around the north end of Frank's Hammock to a point 0.25 miles west of said Hammock. This is measurement location number 14 and falls at a distance of 3.8 miles from the site. The field intensity measured at this point should not exceed 4.2 mV/m, Daytime.

Direction of 210° True North: From monitor point 226? proceed south 1.7 miles to measuring location, atop the levee. This location is just north of a large hammock to the southeast. This is measurement location number 14 and falls at a distance of 4.1 miles from the site. The field intensity measured at this point should not exceed 3.0 mV/m, Nighttime.

Direction of 226° True North: From monitor point 251? proceed south 1.2 miles to measuring location, atop the levee. The tower line is visible from the levee. This is point number 12 and falls at a distance of 3.0 miles from the site. The field intensity measured at this point should not exceed 5.0 mV/m, Daytime.

Special operating conditions or restrictions:

4 Direction of 251° True North: From monitor point 256? proceed south 2/10 miles to measuring location, atop the levee. This is measurement location number 11 and falls at a distance of 2.3 miles from the site. The field intensity measured at this point should not exceed 6.3 mV/m, Daytime.

Direction of 256° True North: Leaving the transmitter proceed west on the Tamiami Trail for a distance of 2.1 miles to the intersection with Canal L-67. Turn left and proceed 8/10 mile to the measuring location, atop the levee. This location number 11 and lies at a distance of 2.2 miles. The field intensity measured at this point should not exceed 36.0 mV/m, Nighttime.

Direction of 323° True North: Leaving the transmitter proceed west on the Tamiami Trail for a distance of 2.1 miles to Canal L-67A. Turn right and proceed for a distance of 2.5 miles. Measuring location is atop the levee, just south of an old east-west canal. This location number 13 and lies at a distance of 3.5 miles. The field intensity measured at this point should not exceed 23.0 mV/m, Nighttime.

5 Average hours of sunrise and sunset:

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

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