

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
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June 7, 2017

Andrew P. Sutor, IV, SVP/GC
Entercom Miami License, LLC
401 City Avenue, Suite 809
Bala Cynwyd, PA 19004

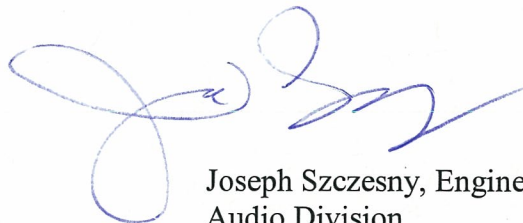
Re: Entercom Miami License, LLC (EML)
WAXY (AM), South Miami, FL
Facility Identification Number: 30837
Special Temporary Authority (STA)
BESTA-20170508AAU

Dear Mr. Sutor:

This is in reference to the request filed on May 8, 2017. EML requests a further extension of the STA granted on December 23, 1981, to continue STA operations to mitigate Cuban interference.¹ In support of the request, EML stated that the interference continues.

Accordingly, the request for extension of STA IS HEREBY GRANTED, and EML may continue to operate with the attached specifications along with monthly readings to ensure the accuracy of the operation, and with reduced power if interference complaints are received. This authority is subject to termination/modification upon reduction of power or cessation of operation by the Cuban facility, or upon Commission instruction to resume licensed operations (per BL-20110419ACU). This authority expires on **December 7, 2017**.

Sincerely,



Joseph Szczesny, Engineer
Audio Division
Media Bureau

cc: Carrie Ward, Esq., ECC (via e-mail)

¹ WAXY(AM) is licensed for DA operation on 790 kHz with 5 kW (day and night).

SPECIAL TEMPORARY AUTHORITY

(Last revised 4/1/2016)

SPECIFICATIONS FOR DA OPERATION: WAXY, SOUTH MIAMI, FL

Frequency: 790 kHz **Nominal Power:** 25kW, DA2, U **Antenna Input Power:** 26.3 kW, U

Common Point Current: 22.9 Amperes

Common Point Resistance: 50 ohms

Transmitter site coordinates (NAD 1927): 25° 45' 24" N, 80° 38' 22" W

Description of Directional Antenna System:

Number and Type of Elements: Four (4) guyed, series-excited, steel radiators of uniform cross section, with 10° of guy wire top-loading.

Height above Insulators: 76.3 m (72.4°) 82.4° with licensed top-loading

Overall Height: 78.2 m

Ground System: 120 radials 97.5 m in length, except where intersecting radials are shortened and bonded to a transverse copper strap, or terminated at the property boundaries, plus a 7.3 m square ground screen, about the base of each tower.

Spacing and Orientation: With tower #1 as reference, tower #2 is spaced 225° on a line bearing 351°; tower #3 is spaced 294° on a line bearing 7.2°; and tower #4 is spaced 100° on a line bearing 46°.

Day Theoretical RMS:	1481 mV/m at 1 km
Night Theoretical RMS:	1488 mV/m at 1 km
Day Standard RMS:	1555 mV/m at 1 km
Night Standard RMS:	1564 mV/m at 1 km
Day Q factor:	mV/m
Night Q factor:	mV/m

Tower:	#1(SW)	#2 (NW)	#3 (NE)	#4(SC)
Theoretical Parameters:				
Phasing Night:	0°	-20.9°	-158.8°	-112.7
Phasing Day:	45°	0°	---	---
Field Ratio Night:	1.00	1.073	0.785	0.808
Field Ratio Day:	0.45	1.0	---	---

Operating Parameters*

Phase Night:	126.3°	100.1°	-25.7°	0°
Phase Day:	41.5°	0°	---	---
Current Ratio Night:	1.018	1.078	0.921	1.00
Current Ratio Day:	0.463	1.00	---	---

*As indicated by Potomac Instruments AM-1901 antenna Monitor.

Antenna sampling system approved under Section 73.68 (b) of the rules.

The field strength in mV/m measured at the described monitoring points is no to exceed the following values:

NIGHTTIME

18.5° - 1700 mV/m
128° - 5.2 mV/m
143.5° - 13.9 mV/m
156.5° - 9.8 mV/m
218° - 46.7 mV/m
321.5° - 781 mV/m

DAYTIME

117.9° - 34.2 mV/m
171° - 92.4 mV/m
272.5° - 183 mV/m
351.2° - 2305 mV/m