



Federal Communications Commission  
Washington, D.C. 20554  
September 14, 2022

Edward Huerta, Director, Tech Ops  
Audacy License, LLC  
2400 Market Street, 4<sup>th</sup> Floor  
Philadelphia, PA 19103

Re: Audacy License, LLC (AL)  
WAXY (AM), South Miami, FL  
Facility Identification Number: 30837  
Special Temporary Authority (STA)  
BESTA-20220912AAA

Dear Mr. Huerta:

This is in reference to the request filed on September 12, 2022. AL requests a further extension of the STA granted on December 23, 1981, to continue operating with increased power to mitigate Cuban interference.<sup>1</sup> In support of the request, AL stated that the interference continues.

Accordingly, the request for extension of the STA IS HEREBY GRANTED, and AL may continue to operate with the attached specifications, and must reduce power or cease operations 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. AL must use whatever means are necessary to protect workers and the public from exposure to radio frequency radiation in excess of the Commission's exposure guidelines. *See* 47 CFR §1.1310.

This authority expires on **March 14, 2023**.

Sincerely,

A handwritten signature in blue ink, reading "Joe Szczesny", with a long horizontal stroke extending to the right.

Joseph Szczesny, Engineer  
Audio Division  
Media Bureau

cc: Laura M. Berman, Esq., VP, Legal, AL (via e-mail only)

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<sup>1</sup> WAXY(AM) is licensed for DA operation on 790 kHz with 5 kW (day and night) per BL-20110419ACU.

## **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:**

**Night Q factor:**

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

#### **Operating Parameters\***

<b>Phase Night:</b>	126.3°	100.1°	-25.7°	0°
<b>Phase Day:</b>	41.5°	0°	---	---
<b>Current Ratio Night:</b>	1.018	1.078	0.921	1.00
<b>Current Ratio Day:</b>	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