

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 TWELFTH STREET SW**  
**WASHINGTON DC 20554**

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**AUDIO DIVISION**  
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May 20, 2013

Jerold L. Jacobs, Esq.  
Cohn & Marks  
1920 N Street NW, Suite 300  
Washington, DC 20036-1622

Re: WWCL (AM), Lehigh Acres, FL  
Facility Identification Number: 50233  
Radio Vision Cristiana Management (RVC)  
Special Temporary Authorization (STA)  
BESTA-20130426ABD

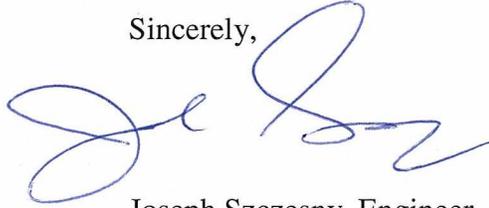
Dear Mr. Jacobs:

This is in reference to the request filed on April 26, 2013. RVC requests further extension of the STA originally granted October 16, 1989, and modified on March 19, 2012, for operation of Station WWCL with increased power not to exceed 9.9 kW day and 4.7 kW night for the purpose of negating the effects of Cuban interference. In support of the request, RVC states that the need for the STA still exists, and that problems have delayed completion of MOM proofs (to verify the directional patterns are operating correctly).

Accordingly, the request for extension of STA IS HEREBY GRANTED. Station WWCL may continue to operate with increased power not to exceed 9.9 kW day and 4.7 kW nighttime for the purpose of negating the effects of Cuban interference, employing different daytime and nighttime directional patterns as set forth in the attached Directional Antenna Specifications. Pending completion of necessary modifications, measurements and adjustments, operation is authorized with parameters at variance and/or reduced power while maintaining monitor points within licensed limits. Following completion of necessary modifications, measurements and adjustments, operation is authorized with the substantially adjusted daytime and nighttime directional patterns, pending the submission of a proof of performance pursuant to Section 73.151(c). During this mode of operation, operating parameters shall be maintained within  $\pm 3^\circ$  phase indications and  $\pm 5\%$  current ratios of the MOM-derived operating parameters, which shall be posted with the station license, along with a copy of this letter. This authority is subject to termination upon reduction of power or cessation of operation by the interfering Cuban station, or upon Commission instruction to WWCL, at which time WWCL must return to licensed operating parameters. It will be necessary to reduce power if interference complaints are received. RVC must take whatever steps are necessary to prevent exposure of workers and the public to radio frequency fields in excess of the Commission's exposure limits. See 47 C.F.R. Section 1.1310. It is anticipated that a proof of performance pursuant to Section 73.151(c) for the STA operation will be submitted prior to the expiration date below.

This authority expires **November 20, 2013**.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Joe Sz', with a large loop at the end.

Joseph Szczesny, Engineer  
Audio Division  
Media Bureau

cc: Dr. Hector A. Chisea, President, RVCM  
Attachment: Directional Antenna Specifications

**Special Temporary Authority**

**Specifications For Daytime Directional Operation of  
WWCL (AM), Lehigh Acres, Florida, Facility ID 50233**

**Frequency:** 1440 kHz      **Nominal Power:** 9.9 kW      **Antenna Input Power:** 10.42 kW

**Common Point Current:** 14.44 Amperes      **Common Point Resistance:** 50 ohms

**Transmitter site coordinates (NAD 1927):**    26° 36' 05" N, 81° 33' 30" W

**Description of Directional Antenna System:**

**Number and Type of Elements:**    Four (4) series-excited, guyed, steel radiators

**Ground System:** 120 equally-spaced, buried, copper wire radials, each 53.4 meters in length except where foreshortened and bonded to a transverse copper strap midway between adjacent towers, plus an additional 120 interspersed radials 15.2 meters in length about the base of each tower.

**Theoretical RMS:**                            916.7 mV/m at 1 km

**Standard RMS:**                              963.1 mV/m at 1 km

**Q factor:**                                      31.46 mV/m

**Theoretical Parameters:**

<b>Tower No.</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>
<b>Field Ratio:</b>	1.000	1.128	0.613	0.3090
<b>Phasing (degrees):</b>	0.0	34.3	109.0	95.8
<b>Spacing (degrees)</b>	0.0	170.0	60.0	170.2
<b>Orientation (degrees)</b>	0.0	160.0	60.5	139.7
<b>Tower height (degrees):</b>	103.9	103.9	79.0	79.0
<b>Top Loading (degrees):</b>	1.6	1.6	0.0	0.0

**Special Temporary Authority**

**Specifications For Daytime Directional Operation of  
WWCL (AM), Lehigh Acres, Florida**

**Operating Parameters\***

<b>Tower No.</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>
<b>Phase (degrees):</b>	0.0	71.5	40.9	120.5
<b>Current Ratio:</b>	1.000	1.061	1.419	0.850

\*As indicated by Gorman-Redlich, model CMR 3-24 antenna Monitor.

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

**Descriptions Of And Field Intensities At Monitor Points:**

**Direction of 174.0° True North:** At the south end of the seventh row of citrus trees east of a road heading north, on the north side of Cross Road, 2.3 km (1.4 miles) east of South Church Road. Distance from the transmitter site is 8.2 km. The field intensity at this point shall not exceed **11.5 mV/m**.

**Direction of 337.0° True North:** Center of Moore Avenue, 100 feet north of its intersection with East 10<sup>th</sup> Street. Distance from the transmitter site is 4.22 km. The field intensity at this point shall not exceed **69.0 mV/m**.

**Special Temporary Authority**

**Specifications For Nighttime Directional Operation of  
WWCL (AM), Lehigh Acres, Florida, Facility ID 50233**

**Frequency:** 1440 kHz      **Nominal Power:** 4.7 kW      **Antenna Input Power:** 5.08 kW

**Common Point Current:** 10.08 Amperes      **Common Point Resistance:** 50 ohms

**Transmitter site coordinates (NAD 1927):** 26° 36' 05" N, 81° 33' 30" W

**Description of Directional Antenna System:**

**Number and Type of Elements:** Five (5) series-excited, guyed, steel radiators

**Ground System:** 120 equally-spaced, buried, copper wire radials, each 53.4 meters in length except where foreshortened and bonded to a transverse copper strap midway between adjacent towers, plus an additional 120 interspersed radials 15.2 meters in length about the base of each tower.

**Theoretical RMS:** 617.1 mV/m at 1 km

**Standard RMS:** 648.4 mV/m at 1 km

**Q factor:** 21.7 mV/m

**Theoretical Parameters:**

Tower No.	1	2	3	4	5
<b>Field Ratio:</b>	1.000	1.653	2.087	2.309	2.090
<b>Phasing (degrees):</b>	0.0	-66.7	-88.0	-116.7	-118.0
<b>Spacing (degrees)</b>	0.0	170.0	340.0	60.0	170.2
<b>Orientation (degrees)</b>	0.0	160.0	160.0	60.5	139.7
<b>Tower height (degrees):</b>	103.9	103.9	103.9	79.0	79.0
<b>Top Loading (degrees):</b>	1.6	1.6	1.6	0.0	0.0

**Special Temporary Authority**

**Specifications For Nighttime Directional Operation of  
WWCL (AM), Lehigh Acres, Florida**

**Operating Parameters\***

<b>Tower No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Phase (degrees):</b>	69.5	58.0	-29.5	-75.2	0
<b>Current Ratio:</b>	0.185	0.469	0.511	1.005	1.000

\*As indicated by Gorman-Redlich, model CMR 3-24 antenna Monitor.

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

**Descriptions Of And Field Intensities At Monitor Points:**

**Direction of 23.5° True North:** At field gate 90 feet south of Highway 80, 7 miles west of Joel Blvd. Distance from the transmitter site is 13.2 km. The field intensity at this point shall not exceed **3.6 mV/m**.

**Direction of 133.0° True North:** On the north side of Church Road, at a fence post, 2.7 km (1.65 miles) east of South Felda Church Road . Distance from the transmitter site is 7.15 km. The field intensity at this point shall not exceed **7.9 mV/m**.

**Direction of 215.0° True North:** At the intersection of Summa Boulevard and Lownde Avenue South. Distance from the transmitter site is 3.0 km. The field intensity at this point shall not exceed **28.5 mV/m**.

**Direction of 316.5° True North:** On the south side of East 7<sup>th</sup> Street, opposite a pine tree on the north side of the street, 50 feet east of the intersection with Grant Avenue. Distance from the transmitter site is 3.58 km. The field intensity at this point shall not exceed **22.4 mV/m**.