



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

ORLANDO RADIO MARKETING, INC.
3113 STIRLING ROAD
SUITE 103
FT. LAUDERDALE FL 33313

Facility Id: 1185

Call Sign: WNDO

Permit File Number: BP-20230302AAB

Authorizing Official:

A handwritten signature in blue ink, appearing to read "Son Nguyen".

Son Nguyen

Supervisory Engineer

Audio Division

Media Bureau

Grant Date: August 15, 2023

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Change transmitter location, class of operation, and community of license.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Daytime with Secondary nighttime

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:15 AM	5:45 PM	Jul.	5:30 AM	7:30 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.	6:30 AM	6:00 PM
May	5:30 AM	7:15 PM	Nov.	6:45 AM	5:30 PM
Jun.	5:30 AM	7:30 PM	Dec.	7:15 AM	5:30 PM

Callsign: WNDO

Permit No.: BP-20230302AAB

Name of Permittee: ORLANDO RADIO MARKETING, INC.

Station Location: FAIRVIEW SHORES, FL

Frequency (kHz): 1520

Station Class: D

Antenna Coordinates:

Day

Latitude: N 28 Deg 34 Min 12 Sec

Longitude: W 81 Deg 26 Min 00 Sec

Night

Latitude: N 28 Deg 34 Min 12 Sec

Longitude: W 81 Deg 26 Min 00 Sec

Critical

Latitude: N 28 Deg 34 Min 12 Sec

Longitude: W 81 Deg 26 Min 00 Sec

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

Nominal Power (kW): Day: 4.0 Night: 0.008 Critical: 3.8

Antenna Mode: Day: DA Night: DA Critical: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1247871	
2	1247872	

Night:

Tower No.	ASRN	Overall Height (m)
1	1247871	
2	1247872	

Critical:

Tower No.	ASRN	Overall Height (m)
1	1247871	
2	1247872	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 705.62 Night: 31.56 Critical: 687.8

Standard RMS (mV/m/km): Day: 741.2 Night: 34.76 Critical: 722.3

Augmented RMS (mV/m/km):

Q Factor: Day: Night: Critical:

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	168.8
2	0.4800	-24.000	168.8000	81.600	0	168.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

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	168.8
2	0.4800	-24.000	168.8000	81.600	0	168.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Critical 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	168.8
2	0.4800	-24.000	168.8000	81.600	0	168.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Day:

Azimuth:	Radiation:
81.6	490.55 mV/m
239.1	382.21 mV/m
284.1	382.21 mV/m

Night:

Azimuth:	Radiation:
81.6	24.3 mV/m
239.1	20.04 mV/m
284.1	20.04 mV/m

Critical:

Azimuth:	Radiation:
81.6	478.13 mV/m
239.1	372.54 mV/m
284.1	372.54 mV/m

Special operating conditions or restrictions:

- 1 Permittee shall assume responsibility for the elimination of interference due to external cross-modulation and for the installation and adjustment of filter circuits or other equipment in the antenna systems of the proposed operation and of Stations WIWA, facility ID no. 57931, WVVO, facility ID no. 21759, or any other stations which may be necessary, to prevent adverse effects due to internal cross-modulation. In addition, field observation shall be made to determine whether spurious emissions exist, and any objectionable interference problems resulting therefrom shall be eliminated.
- 2 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations WNDO, Facility ID no. 1185, and WRSO, Facility ID no. 129548, and there shall be filed with the license application copies of a firm agreement entered into by the stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, Stations WNDO, Facility ID no. 1185, and WRSO, Facility ID no. 129548 shall each measure antenna or common point resistance and submit FCC Form 302 as necessary.

Special operating conditions or restrictions:

- 3 The permittee/licensee in coordination with other users of the site 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.
- 4 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 5 The permittee must submit a proof of performance as set forth in either Section 73.151(a) or 73.151(c) of the rules before program tests are authorized.
A proof of performance based on field strength measurements, per Section 73.151(a), shall include a complete nondirectional proof of performance, in addition to a complete proof on the day directional antenna system. The nondirectional and directional field strength measurements must be made under similar environmental conditions. The proof(s) of performance submitted to the Commission must contain all of the data specified in Section 73.186 of the rules.
Permittees who elect to submit a moment method proof of performance, as set forth in Section 73.151(c), must use series-fed radiators. In addition, the sampling system must be constructed as described in Section 73.151(c) (2) (i).

*** END OF AUTHORIZATION ***