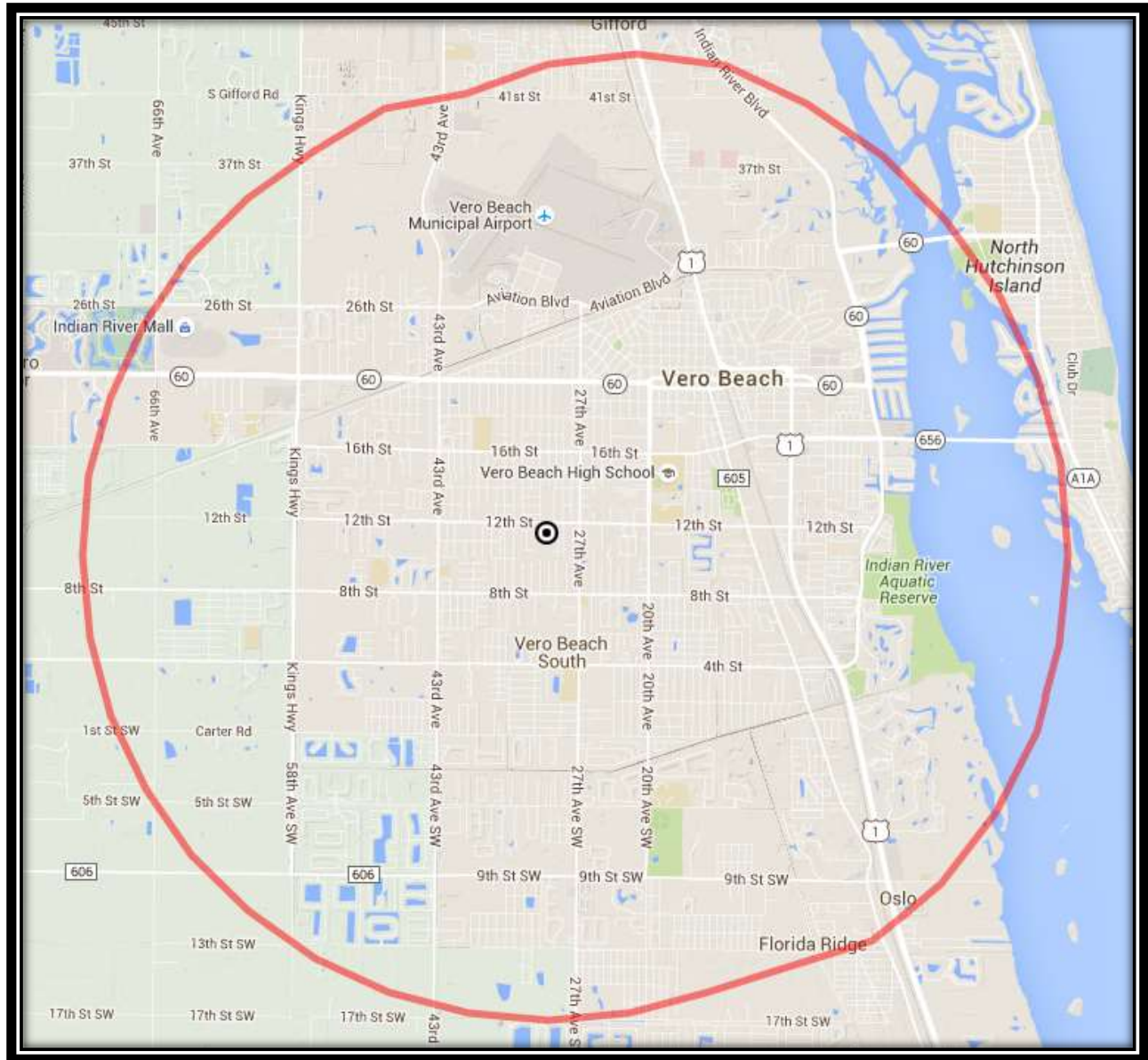




REC Broadcast Services, LLC
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CP modification for **WVRO-LP**
VERO BEACH, FL
FLOWING STREAMS CHURCH
BNPL-20131105AGF

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



VERO BEACH, FL – Channel 287L1 (105.3 MHz) ~ ERP 0.049 kW
Elev: 7 meters ~ RCAGL: 42 meters ~ RCAMSL: 49 meters ~ HAAT: 43 meters
HAAT based on FCC 30-second terrain database. Applicant requesting ERP shown.
Overall tower height: 49.7 meters – ASR: 1239136 (coordinates based on ASR)
NAD83 Latitude: 27° 37' 13.1" NL – Longitude: 80° 25' 00.2" WL
NAD27 Latitude: 27° 37' 12.0" NL – Longitude: 80° 25' 01.0" WL

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 27 - 37' 12.0" - LONGITUDE: 80 - 25' 01.0"
CHANNEL: 287 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
234	94.7	WPHR-FM : R&S RADIO LLC	GIFFORD	FL C2	8.6	0.0	8.6	146.7
234	94.7	WPHR-FM : R&S RADIO LLC	GIFFORD	FL C2	9.5	0.0	9.5	150.1
284	104.7	WSGL : RENDA BROADCASTING CORPORATION OF NEVADA	NAPLES	FL C2	210.2	0.0	210.2	218.1
284	104.7	WFLM : MIDWAY BROADCASTING COMPANY * Does not meet third adjacent channel spacing under LCRA Sect 7.	WHITE CITY	FL C3	20.8	0.0	20.8	169.4
284	104.7	W284BO : RADIO 74 INTERNATIONALE	LAKE PLACID	FL D	99.9	0.0	99.9	250.6
284	104.7	WRBQ-FM : WXTU LICENSE LIMITED PARTNERSHIP	TAMPA	FL C1	198.6	0.0	198.6	280.4
284	104.7	W284CE : EDGEWATER BROADCASTING, INC.	MERRITT ISLAND	FL D	88.2	0.0	88.2	336.6
286	105.1	WOMX-FM : CBS RADIO STATIONS INC.	ORLANDO	FL C	124.6	120.0	4.6	328.9
286	105.1	WHQT : COX RADIO, INC.	CORAL GABLES	FL C0	184.3	111.0	73.3	173.6
287	105.3	WZSP : SOLMART MEDIA, LLC	NOCATEE	FL A	159.0	67.0	92.0	252.5
287	105.3	WVRO-LP : FLOWING STREAMS CHURCH : Currently authorized facility	VERO BEACH	FL L1	5.1	24.0	-18.9	289.3
288	105.5	WOLL : CLEAR CHANNEL BROADCASTING LICENSES, INC.	HOBE SOUND	FL C2	100.8	80.0	20.8	160.6
288	105.5	W288CG : EDGEWATER BROADCASTING, INC.	MELBOURNE	FL D	76.6	21.0	55.6	339.1
289	105.7	WWLL : COHAN RADIO GROUP, INC.	SEBRING	FL C3	108.3	40.0	68.3	254.5
290	105.9	WBGG-FM : CLEAR CHANNEL BROADCASTING LICENSES, INC.	FORT LAUDERDALE	FL C0	181.9	0.0	181.9	172.4
290	105.9	WBOF-LP : FAITH BAPTIST CHURCH OF FORT PIERCE, FLORIDA, INC.	FORT PIERCE	FL L1	40.4	0.0	40.4	161.5
290	105.9	WOCL : CBS RADIO STATIONS INC.	DELAND	FL C	169.0	0.0	169.0	328.7
290	105.9	WTZB : CITICASTERS LICENSES, INC.	ENGLEWOOD	FL C3	204.3	0.0	204.3	254.1

AM TOWER CO-LOCATION

WVRO-LP
Vero Beach, FL
Channel 287L1 (105.3 MHz)

The proposed modification for WVRO-LP will result in the proposed antenna being placed on the tower of WTTB, Vero Beach, Florida (Facility ID #58947).

WTTB is a non-directional single-tower AM station operating 1 kW unlimited hours with the same constants day and night.

WVRO-LP has reached a pending agreement with WTTB and is coordinating this application with their engineering and management.

WTTB has already performed a structural analysis and frequency match on the antenna placement.

WVRO-LP acknowledges §1.30003 of the Commission's Rules that states that when an antenna is installed on a non-directional AM tower, the AM station shall determine operating power by indirect method per §73.51 of the Rules. If the resistance of the antenna changes by more than 2 percent, then WTTB must file a Form 302-AM which includes a tower sketch at the same time when WVRO-LP files Form 319 to cover the construction.

WVRO-LP acknowledges there will be a condition placed on the construction permit as such and will provide appropriate certification after completion of construction in coordination with WTTB.

Prepared by

Michelle Bradley
REC Broadcast Services
September 10, 2015

Registration Detail			
Reg Number	1239136	Status	Constructed
File Number	A0327969	Constructed	06/01/1979
EMI	No	Dismantled	
NEPA	No		
Antenna Structure			
Structure Type	TOWER - Free standing or Guyed Structure used for Commu		
Location (In NAD83 Coordinates - Convert to NAD83)			
Lat/Long	27-37-13.1 N 080-25-00.2 W	Address	End of 29th Avenue
City, State	Vero Beach , FL		
Zip	32960	County	INDIAN RIVER
Center of AM Array		Position of Tower in Array	
Heights (meters)			
Elevation of Site Above Mean Sea Level		Overall Height Above Ground (AGL)	
7.6		49.7	
Overall Height Above Mean Sea Level		Overall Height Above Ground w/o Appurtenances	
57.3		49.7	
Painting and Lighting Specifications			
None			
FAA Notification			
FAA Study	2003-ASO-1478-OE	FAA Issue Date	06/02/2003
Owner & Contact Information			
FRN	0004984696	Owner Entity Type	
Owner			
Vero Beach Broadcasters, LLC Attention To: Mitch Rubinstein 2255 Glades Road Suite 237W Boca Raton , FL 33431		P: (561)998-8000 F: E:	
Contact			
Matheny , Marilyn P.O. Box 24466 St. Simons Island , GA 31522-7466		P: (912)638-8028 F: E: marilyn@grahambrook.com	
Last Action Status			
Status	Constructed	Received	06/09/2003
Purpose	Notification	Entered	06/09/2003

Input Data

Latitude 27° 37' 13.1" North
Longitude 80° 25' 0.2" West (NAD 83)

These coordinates convert to NAD 27 coordinates of
27° 37' 11.98", North, 80° 25' 01.01" West (NAD 27).

Height of antenna radiation center above mean sea level: **49 meters AMSL**

Number of Evenly Spaced Radials = **8** 0° is referenced to True North

Results

Calculated HAAT = **43 meters**

Antenna Height Above Average Terrain calculated
using FCC 30 second terrain database (continental USA only)

Individual "Radial HAAT" Values, in meters

0°	43.5 m
45°	49.0 m
90°	49.0 m
135°	47.2 m
180°	39.0 m
225°	39.0 m
270°	39.0 m
315°	39.0 m