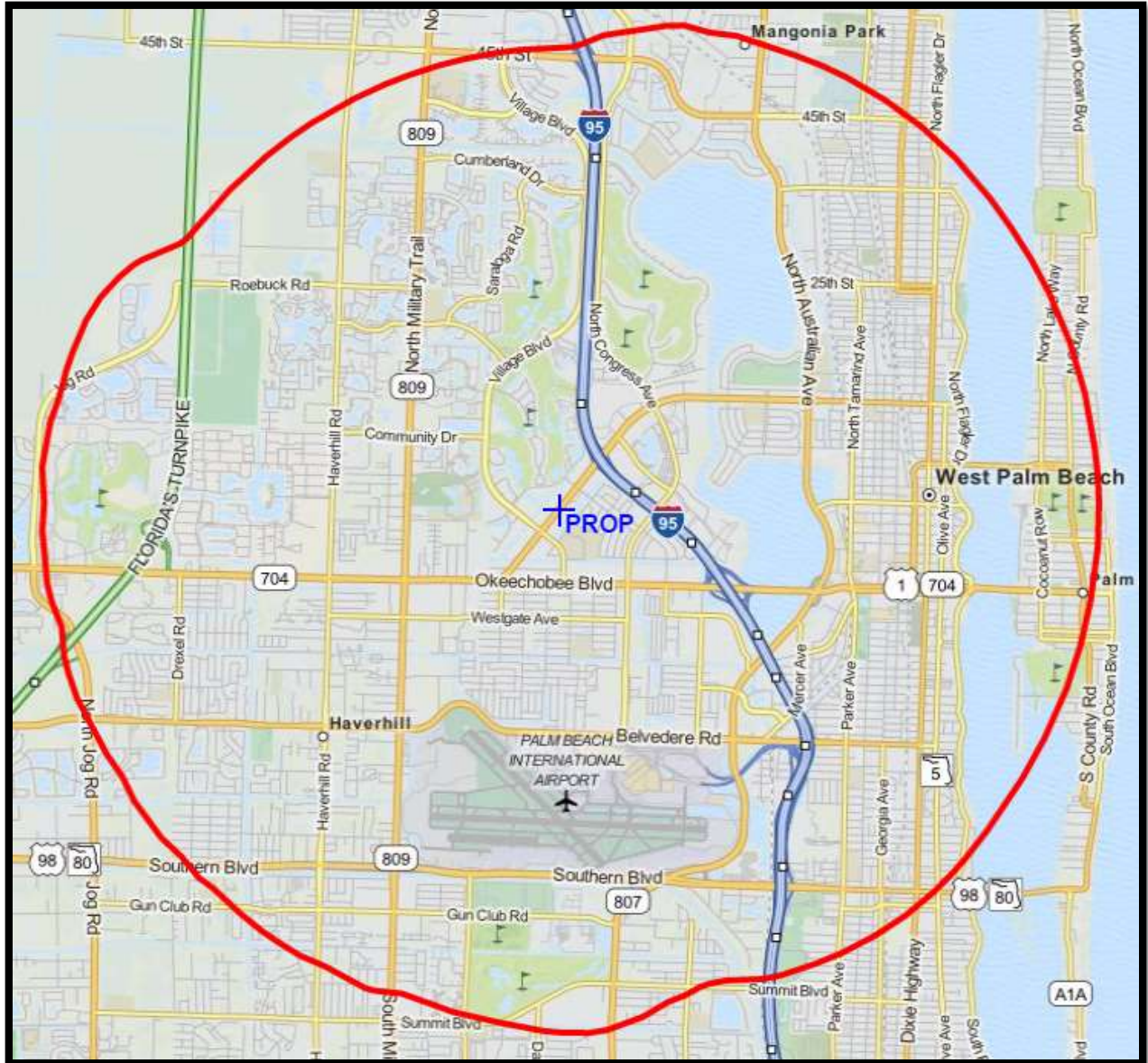




REC Broadcast Services, LLC
11541 Riverton Wharf Rd.
Mardela Springs, MD 21837
844.REC.LPFM/202.621.2355
recnet.com

Minor change CP for **WDZP-LP**
WEST PALM BEACH, FL
CARIBBEAN HERITAGE FOUNDATION
BLL-20150326ABY

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



WEST PALM BEACH, FL – Channel 266L1 (101.1 MHz) ~ ERP 0.042 kW
Elev: 5 meter ~ RCAGL: 44 meters ~ RCAMSL: 49 meters ~ HAAT: 56m (FCC 30")
Overall tower height: 45 meters – ASR: None required (exempt under “20 foot rule”)
NAD83 Latitude: 26° 42’ 49.2” NL – Longitude: 80° 05’ 34.6” WL
NAD27 Latitude: 26° 42’ 48.0” NL – Longitude: 80° 05’ 35.4” WL
No AM stations within 3 km of proposed site.

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 26 - 42' 48.0" - LONGITUDE: 80 - 05' 35.4"
CHANNEL: 266 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
212	90.3	W212CG : WAY MEDIA , INC.	WEST PALM BEACH	FL D	7.2	0.0	7.2	315.3
263	100.5	W263AH : THE MOODY BIBLE INSTITUTE OF CHICAGO	FT. PIERCE	FL D	82.7	0.0	82.7	341.6
263	100.5	W263BT : GLADES MEDIA COMPANY LLC	CLEWISTON	FL D	80.3	0.0	80.3	269.8
264	100.7	WHYI-FM : CLEAR CHANNEL BROADCASTING LICENSES, INC. : Precise distance: 83.472 km - meets minimum spacing through rounding.	FORT LAUDERDALE	FL C0	83.5	84.0	-0.5	187.8
266	101.1	WJRR : CLEAR CHANNEL BROADCASTING LICENSES, INC.	COCOA BEACH	FL C	228.5	130.0	98.5	335.2
266	101.1	WAVV : ALPINE BROADCASTING CORPORATION	NAPLES PARK	FL C1	159.1	111.0	48.1	248.4
266	101.1	WDZP-LP : CARIBBEAN HERITAGE FOUNDATION : Currently authorized facility	WEST PALM BEACH	FL L1	1.2	24.0	-22.8	227.9
267	101.3	WHLG : WHLG FM, LLC	PORT ST. LUCIE	FL A	57.9	56.0	1.9	343.8
268	101.5	WLYF : ENTERCOM MIAMI LICENSE, LLC	MIAMI	FL C1	83.6	73.0	10.6	188.0
268	101.5	W268CF : CORNERSTONE COMMUNITY RADIO, INC.	WEST PALM	FL D	5.3	8.0	-2.7	137.9
268	101.5	W268CF : CORNERSTONE COMMUNITY RADIO, INC. : 50 watts at 23m HAAT maximum HAAT = 4.709 km = lower tier.	WEST PALM	FL D	10.6	8.0	2.6	250.5
269	101.7	WCZR : CAPSTAR TX, LLC	VERO BEACH	FL A	118.8	0.0	118.8	342.5
269	101.7	WKYZ : KEYS MEDIA COMPANY, INC.	KEY COLONY BEACH	FL C1	263.5	0.0	263.5	210.4

Azimuth	Field	ERP	HAAT	Contour	Latitude	Longitude
0	1.000	0.042	39.0	5.151	26.7600	80.0929
5	1.000	0.042	41.4	5.317	26.7613	80.0883
10	1.000	0.042	43.5	5.456	26.7620	80.0834
15	1.000	0.042	44.6	5.527	26.7617	80.0785
20	1.000	0.042	45.4	5.580	26.7609	80.0737
25	1.000	0.042	45.9	5.612	26.7594	80.0691
30	1.000	0.042	46.7	5.663	26.7578	80.0644
35	1.000	0.042	47.3	5.701	26.7557	80.0600
40	1.000	0.042	47.7	5.725	26.7531	80.0559
45	1.000	0.042	48.0	5.744	26.7502	80.0520
50	1.000	0.042	48.1	5.750	26.7469	80.0486
55	1.000	0.042	48.1	5.750	26.7434	80.0455
60	1.000	0.042	48.1	5.750	26.7396	80.0428
65	1.000	0.042	48.3	5.762	26.7356	80.0403
70	1.000	0.042	48.4	5.768	26.7314	80.0384
75	1.000	0.042	48.4	5.768	26.7271	80.0368
80	1.000	0.042	48.4	5.768	26.7227	80.0357
85	1.000	0.042	48.4	5.768	26.7182	80.0351
90	1.000	0.042	48.5	5.774	26.7137	80.0348
95	1.000	0.042	48.4	5.768	26.7092	80.0351
100	1.000	0.042	48.4	5.768	26.7047	80.0357
105	1.000	0.042	48.4	5.768	26.7003	80.0368
110	1.000	0.042	48.4	5.768	26.6960	80.0383
115	1.000	0.042	48.3	5.762	26.6918	80.0403
120	1.000	0.042	48.3	5.762	26.6878	80.0427
125	1.000	0.042	48.3	5.762	26.6840	80.0454
130	1.000	0.042	48.6	5.780	26.6803	80.0483
135	1.000	0.042	48.9	5.798	26.6768	80.0516
140	1.000	0.042	48.9	5.798	26.6737	80.0554
145	1.000	0.042	48.5	5.774	26.6711	80.0595
150	1.000	0.042	47.7	5.725	26.6691	80.0641
155	1.000	0.042	46.7	5.663	26.6675	80.0688
160	1.000	0.042	44.9	5.547	26.6668	80.0738
165	1.000	0.042	43.8	5.475	26.6661	80.0786
170	1.000	0.042	45.6	5.593	26.6641	80.0831
175	1.000	0.042	48.1	5.750	26.6621	80.0878

Azimuth	Field	ERP	HAAT	Contour	Latitude	Longitude
180	1.000	0.042	48.9	5.798	26.6615	80.0929
185	1.000	0.042	48.2	5.756	26.6621	80.0979
190	1.000	0.042	47.6	5.719	26.6630	80.1028
195	1.000	0.042	47.1	5.688	26.6642	80.1077
200	1.000	0.042	47.1	5.688	26.6655	80.1124
205	1.000	0.042	47.8	5.731	26.6669	80.1172
210	1.000	0.042	48.0	5.744	26.6689	80.1218
215	1.000	0.042	48.2	5.756	26.6712	80.1261
220	1.000	0.042	47.9	5.737	26.6740	80.1300
225	1.000	0.042	48.1	5.750	26.6770	80.1338
230	1.000	0.042	48.1	5.750	26.6803	80.1372
235	1.000	0.042	48.1	5.750	26.6839	80.1403
240	1.000	0.042	47.6	5.719	26.6878	80.1428
245	1.000	0.042	48.1	5.750	26.6917	80.1454
250	1.000	0.042	48.5	5.774	26.6958	80.1475
255	1.000	0.042	47.9	5.737	26.7002	80.1487
260	1.000	0.042	48.1	5.750	26.7046	80.1500
265	1.000	0.042	48.3	5.762	26.7090	80.1507
270	1.000	0.042	48.2	5.756	26.7135	80.1509
275	1.000	0.042	48.7	5.786	26.7181	80.1510
280	1.000	0.042	48.3	5.762	26.7225	80.1501
285	1.000	0.042	47.6	5.719	26.7269	80.1486
290	1.000	0.042	47.4	5.707	26.7311	80.1470
295	1.000	0.042	46.5	5.650	26.7350	80.1446
300	1.000	0.042	44.1	5.494	26.7383	80.1410
305	1.000	0.042	39.6	5.193	26.7404	80.1359
310	1.000	0.042	39.0	5.151	26.7434	80.1328
315	1.000	0.042	39.0	5.151	26.7463	80.1297
320	1.000	0.042	39.0	5.151	26.7491	80.1264
325	1.000	0.042	39.0	5.151	26.7516	80.1228
330	1.000	0.042	39.0	5.151	26.7537	80.1190
335	1.000	0.042	39.0	5.151	26.7556	80.1150
340	1.000	0.042	39.0	5.151	26.7572	80.1108
345	1.000	0.042	39.0	5.151	26.7584	80.1065
350	1.000	0.042	39.0	5.151	26.7593	80.1021
355	1.000	0.042	39.0	5.151	26.7598	80.0976

WAIVER OF §73.807(a) REQUEST
SHORT-SPACED SECOND ADJACENT CHANNEL

WDZP-LP
West Palm Beach, FL
Channel 266L1 (101.1 MHz)

The proposed modification will keep the proposed station to be second-adjacent channel short-spaced to translator W268CP, West Palm Beach, Florida.

W268CP is currently authorized by construction permit BNPFT-20130819AFV to operate 32 watts ERP at 46 meters height above average terrain into a directional antenna.

The proposed site for WDZP-LP is on the roof of an office building. The height above average terrain is 46 meters. As a result, WDZP-LP is proposed to operate at 42 watts ERP.

At 42 watts ERP, the 100 dBu interfering contour of the proposed LPFM extends to 455 meters using the free space method.

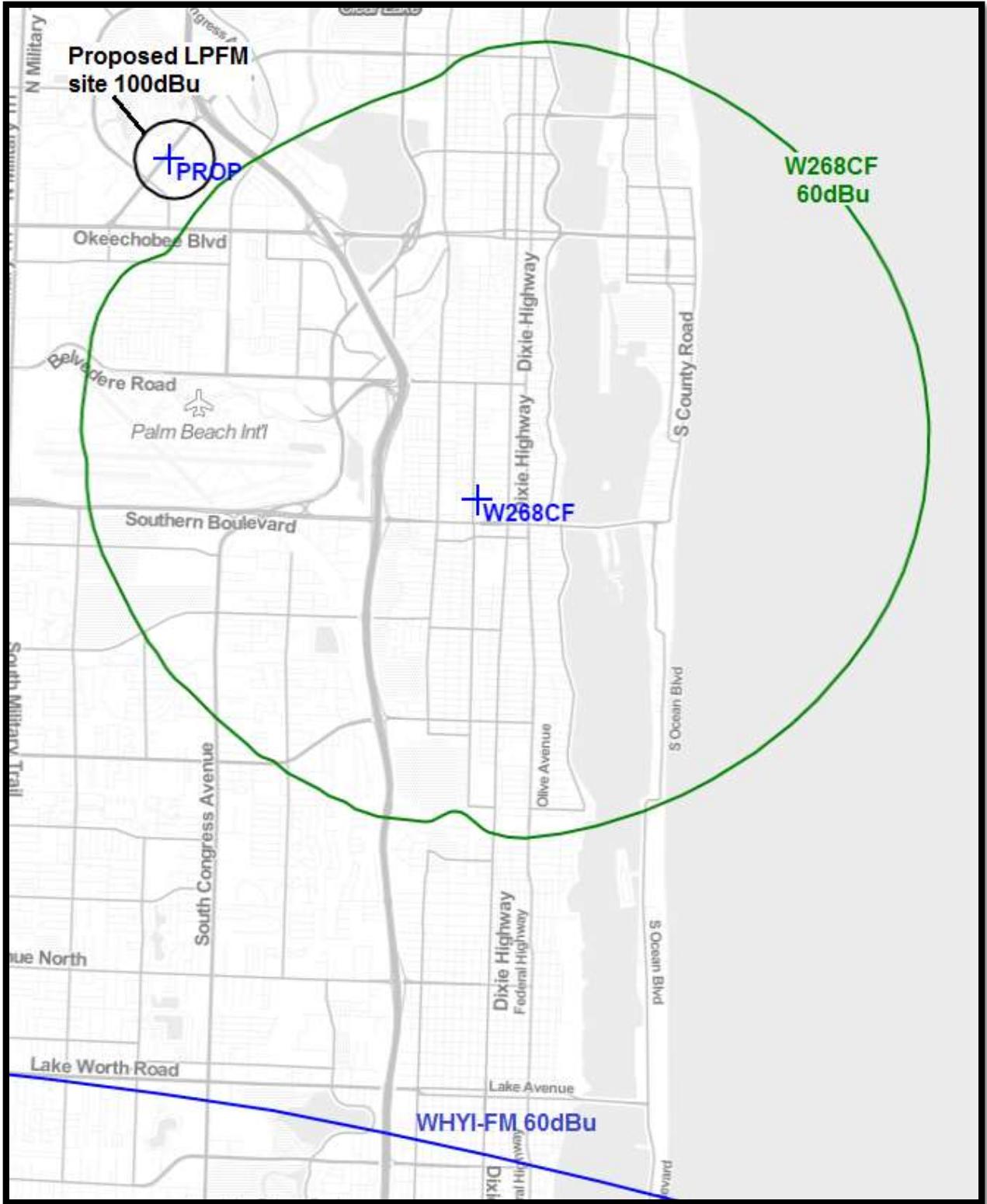
As demonstrated herein, there is no overlap between the 100 dBu interfering contour of the proposed LPFM station and the currently authorized facility for W268CP.¹ Because of this lack of overlap, there is no interference to W268CP's currently authorized facility from the placement of an LPFM station on Channel 266L1 at the site proposed.

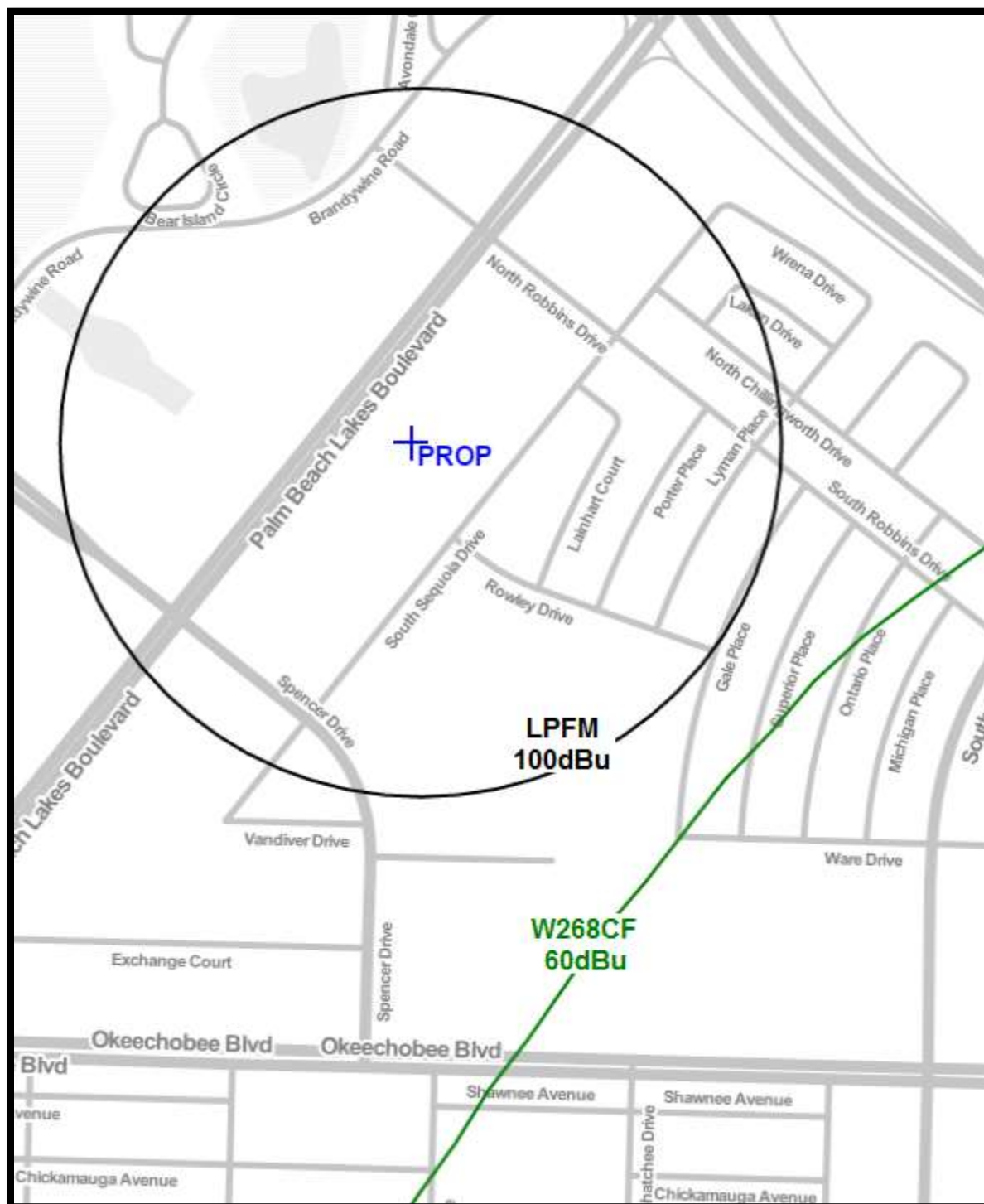
Based on these findings, the proposed modified LPFM station will not create any interference with W268CP. Caribbean Heritage Foundation is requesting a waiver of §73.807(a) in respect to second-adjacent channel short-spaced translator W268CP, West Palm Beach, Florida.²

Prepared by
Michelle Bradley
REC Broadcast Services
December 26, 2015

¹ - On October 20, 2015, Educational Media Foundation, assignee of W268CP had filed application BMPFT-20151020AES to move the translator to a different location and to specify operation on Channel 215D. On November 18, 2015, the application was amended ("November amendment") to specify operation on Channel 268D at the new location. The location and proposed power levels in the November amendment meet the minimum §73.807 spacing in respect to the proposed LPFM site.

² - The enclosed Channel Report shows that the proposed site is also "83.5 km" from second adjacent channel station WHYI-FM, Fort Lauderdale, Florida. Using the Commission's "sprong" tool, we have determined the actual distance to WHYI-FM is 83.472 kilometers. This distance would round down to 83 km which meets the §73.807 minimum separation requirements. Even if WHYI-FM was second-adjacent channel short spaced under §73.807, there is no contour overlap between the 100 dBu interfering contour of the proposed LPFM site and the 60 dBu protected contour of WHYI-FM. Therefore, the proposed LPFM site will not cause interference to WHYI-FM.





Find Distance and Azimuths Between 2 Sets of Coordinates -- Results

Distance between

N Latitude 26 42 48.00, W Longitude 80 5 35.40 (Point 1)

and N Latitude 25 58 2.00, W Longitude 80 12 34.00 (Point 2)

83.472 kilometers; 51.867 miles

Azimuth from point 1 to point 2 = 187.98°

Azimuth from point 2 to point 1 = 7.92°

[Another Distance Computation?](#)

Use [Sprong](#) to find the terminal or end coordinates, given a bearing and a distance.

This program is located at <http://www.fcc.gov/fcc-bin/audio/distance.html>

ANTENNA IS EXEMPT FROM ASR DUE TO THE 20-FOOT RULE CRITERIA:

DETERMINATION Results	
Structure does not require registration. The structure meets the 6.10-meter (20-foot) Rule criteria.	
Your Specifications	
NAD83 Coordinates	
Latitude	26-42-49.2 north
Longitude	080-05-34.6 west
Measurements (Meters)	
Overall Structure Height (AGL)	45
Support Structure Height (AGL)	42.6
Site Elevation (AMSL)	5
Structure Type	
BMAST - Building with Mast	