

Percent allowed new interference: 0.500  
Percent allowed new interference to non Class A LPTV: 2.000  
TW Census data selected 2000  
Data Base Selected  
/space/software/cdbs/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-15-2011 Time: 13:05:56

#### Record Selected for Analysis

WDFL USERRECORD-01 US  
Channel 11 ERP 0.175 kW HAAT 250. m RCAMSL 00252 m STRINGENT MASK  
Latitude 025-58-07 Longitude 0080-13-20  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make usr Model 2 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station  
Service Class = LD  
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	48.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.175	249.0	38.9
45.0	0.136	249.8	37.2
90.0	0.067	251.2	32.5
135.0	0.044	250.9	29.7
180.0	0.044	250.0	29.6
225.0	0.044	249.9	29.6
270.0	0.067	249.0	32.4
315.0	0.136	249.0	37.2

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
11	WDFL		USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WPLG	MIAMI FL	1.0	CP MOD	BMPCDT	-20100507ACE
10	WWCI-CA	VERO BEACH FL	182.3	LIC	BLTVA	-20020726AAE
10	WWCI-CA	VERO BEACH FL	182.3	CP	BDFCDVA	-20080804ADJ
10	WWCI-CA	VERO BEACH FL	182.3	APP	BSTA	-20090618ADW
11	WESH	DAYTONA BEACH FL	305.0	LIC	BMLCDT	-20040930AXX
11	W11DF-D	KEY WEST FL	223.3	CP	BDCCDVL	-20061030AFN
11	WVEA-LP	TAMPA FL	312.2	CP	BDCCDVL	-20061017AAG
11	W11DH-D	WABASSO FL	197.8	CP	BNPDVL	-20090825AAI
12	WPTV-TV	WEST PALM BEACH FL	69.0	LIC	BLCDT	-20090619ACF

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### Analysis of Interference to Affected Station 1

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	WPLG	MIAMI FL	BMPCDT	-20100507ACE

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTSP	ST. PETERSBURG FL	289.2	CP MOD	BMPCDT	-20110106AAG
11	WDFL		1.0	APP	USERRECORD-01	

Proposal causes no interference

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### Analysis of Interference to Affected Station 2

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	WWCI-CA	VERO BEACH FL	BLTVA	-20020726AAE

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WPLG	MIAMI FL	182.6	CP MOD	BMPCDT	-20100507ACE
10	WJXX	ORANGE PARK FL	317.7	CP	BPCDT	-20081205AGH
10	WJXX	ORANGE PARK FL	317.7	LIC	BLCDT	-20041102AEE
10	WTSP	ST. PETERSBURG FL	185.4	CP MOD	BMPCDT	-20110106AAG
11	WESH	DAYTONA BEACH FL	129.8	LIC	BMLCDT	-20040930AXX
11	W11DH-D	WABASSO FL	16.2	CP	BNPDVL	-20090825AAI
11	WDFL		182.3	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	WWCI-CA	VERO BEACH FL	BDFCDVA -20080804ADJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WPLG	MIAMI FL	182.6	CP MOD	BMPCDT -20100507ACE
10	WJXX	ORANGE PARK FL	317.7	CP	BPCDT -20081205AGH
10	WJXX	ORANGE PARK FL	317.7	LIC	BLCDT -20041102AEE
10	WSWF-LD	ORLANDO FL	135.4	LIC	BLDVL -20091106ABX
10	WTSP	ST. PETERSBURG FL	185.4	CP MOD	BMPCDT -20110106AAG
11	WESH	DAYTONA BEACH FL	129.8	LIC	BMLCDT -20040930AXX
11	W11DH-D	WABASSO FL	16.2	CP	BNPDVL -20090825AAI
11	WDFL		182.3	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	WWCI-CA	VERO BEACH FL	BSTA -20090618ADW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WPLG	MIAMI FL	182.6	CP MOD	BMPCDT -20100507ACE
10	WJXX	ORANGE PARK FL	317.7	CP	BPCDT -20081205AGH
10	WJXX	ORANGE PARK FL	317.7	LIC	BLCDT -20041102AEE
10	WSWF-LD	ORLANDO FL	135.4	LIC	BLDVL -20091106ABX
10	WTSP	ST. PETERSBURG FL	185.4	CP MOD	BMPCDT -20110106AAG
11	WESH	DAYTONA BEACH FL	129.8	LIC	BMLCDT -20040930AXX
11	W11DH-D	WABASSO FL	16.2	CP	BNPDVL -20090825AAI
11	WDFL		182.3	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WESH	DAYTONA BEACH FL	BMLCDT -20040930AXX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WJXX	ORANGE PARK FL	191.0	CP	BPCDT -20081205AGH
10	WJXX	ORANGE PARK FL	191.0	LIC	BLCDT -20041102AEE
10	WTSP	ST. PETERSBURG FL	146.8	CP MOD	BMPCDT -20110106AAG
11	WTOC-TV	SAVANNAH GA	383.8	LIC	BLCDT -20090622ABP

12	WTVT	TAMPA FL	145.3	LIC	BLCDT	-20080410AAF
11	WDFL		305.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	W11DF-D	KEY WEST FL	BDCCDVL -20061030AFN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	W10CQ	KEY WEST FL	0.0	LIC	BLTVL -20060517ABC
12	W12DI-D	KEY WEST FL	0.0	LIC	BLDTV -20100317ABF
11	WDFL		223.3	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WVEA-LP	TAMPA FL	BDCCDVL -20061017AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WTSP	ST. PETERSBURG FL	24.2	CP MOD	BMPCDT -20110106AAG
11	WESH	DAYTONA BEACH FL	155.6	LIC	BMLCDT -20040930AXX
12	WTVT	TAMPA FL	25.8	LIC	BLCDT -20080410AAF
11	WDFL		312.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	W11DH-D	WABASSO FL	BNPDVL -20090825AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WWCI-CA	VERO BEACH FL	16.2	LIC	BLTVL -20020726AAE
10	WWCI-CA	VERO BEACH FL	16.2	CP	BDFCDVA -20080804ADJ
10	WWCI-CA	VERO BEACH FL	16.2	APP	BSTA -20090618ADW
11	WESH	DAYTONA BEACH FL	113.7	LIC	BMLCDT -20040930AXX
12	WPTV-TV	WEST PALM BEACH FL	129.8	LIC	BLCDT -20090619ACF
11	WDFL		197.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WPTV-TV	WEST PALM BEACH FL	BLCDT -20090619ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	WTVT	TAMPA FL	242.7	LIC	BLCDT -20080410AAF
13	WPEC	WEST PALM BEACH FL	0.4	CP	BPCDT -20080609AAU
13	WPEC	WEST PALM BEACH FL	0.4	LIC	BLCDT -20021216AAU
11	WDFL		69.0	APP	USERRECORD-01

Total scenarios = 1

Result key: 1  
 Scenario 1 Affected station 9  
 Before Analysis

Results for: 12A FL WEST PALM BEACH BLCDT 20090619ACF LIC  
 HAAT 386.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5230275	39567.6
not affected by terrain losses	5230275	39567.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6597	913.3
lost to ATV IX only	6597	913.3
lost to all IX	6597	913.3

Potential Interfering Stations Included in above Scenario 1

12A FL TAMPA BLCDT 20080410AAF LIC

After Analysis

Results for: 12A FL WEST PALM BEACH BLCDT 20090619ACF LIC  
 HAAT 386.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5230275	39567.6
not affected by terrain losses	5230275	39567.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30414	925.1
lost to ATV IX only	30414	925.1
lost to all IX	30414	925.1

Potential Interfering Stations Included in above Scenario 1

12A FL TAMPA BLCDT 20080410AAF LIC  
 11A USERRECORD01 APP

Percent new IX = 0.4559%

Worst case new IX 0.4559% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WDFL		USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WPLG	MIAMI FL	1.0	CP MOD	BMPCDT	-20100507ACE
11	WESH	DAYTONA BEACH FL	305.0	LIC	BMLCDT	-20040930AXX
12	WPTV-TV	WEST PALM BEACH FL	69.0	LIC	BLCDT	-20090619ACF

Total scenarios = 1

Result key: 2  
 Scenario 1 Affected station 10  
 Before Analysis

Results for: 11A USERRECORD01 APP

HAAT 250.0 m, ATV ERP 0.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3139841	3525.3
not affected by terrain losses	3139841	3525.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2221004	2211.7
lost to ATV IX only	2221004	2211.7
lost to all IX	2221004	2211.7

Potential Interfering Stations Included in above Scenario 1

10A FL MIAMI BMPCDT 20100507ACE CP

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