

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

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
/export/home/cdbbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-22-2011

Record Selected for Analysis

WHPX-LD USERRECORD-01 WASHINGTON DC US
Channel 12 ERP 0.15 kW HAAT 115. m RCAMSL 00184 m STRINGENT MASK
Latitude 038-57-01 Longitude 0077-04-48
Status APP Zone 1 Border Site number: 01
Dir Antenna Make CDB Model 0000000094716 Beam tilt N Ref Azimuth 124.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.20 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	0.089	89.9	22.0
45.0	0.123	101.7	25.0
90.0	0.144	145.9	30.1
135.0	0.121	152.1	29.6
180.0	0.128	139.9	28.9
225.0	0.149	96.0	25.4
270.0	0.009	103.2	13.5
315.0	0.001	94.0	6.4

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

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

Start of Interference Analysis

Proposed Station

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

Channel 12 Call WWPX-LD City/State WASHINGTON DC ARN USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	56.5	LIC	BLCDDT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	56.5	APP	BPCDDT	-20100429AAF
11	WNDC-LP	SALISBURY MD	169.9	LIC	BLTVL	-20070601ABM
11	WVPT	STAUNTON VA	212.9	CP	BPEDT	-20081022ABK
11	WVPT	STAUNTON VA	212.9	LIC	BLEDT	-20021220ADX
12	WHYY-TV	WILMINGTON DE	199.1	CP MOD	BMPEDT	-20091204ADC
12	W64CN	RALEIGH NC	386.0	CP	BDISDTT	-20060328AKE
12	WPXU-LP	AMITYVILLE NY	333.2	CP MOD	BMPDVL	-20100608ADY
12	W12CA	ELLIOTTSBURG PA	163.1	LIC	BLTTV	-19890424IC
12	WWBT	RICHMOND VA	164.7	LIC	BLCDDT	-20090803ABS
12	WBOY-TV	CLARKSBURG WV	282.7	CP	BPCDDT	-20080620AMD
12	WWPX-TV	MARTINSBURG WV	101.8	LIC	BLCDDT	-20021108AAX
13	WJZ-TV	BALTIMORE MD	56.5	CP	BPCDDT	-20080312ABN
13	WSCP-CA	BELLEFONTE PA	208.3	CP	BPTVA	-20080804AAV
13	WWJT-LD	PHILADELPHIA PA	198.3	CP	BDCCDTL	-20060920AAY
13	WSCP-CA	STATE COLLEGE PA	208.3	LIC	BLTVL	-19900522IB
13	W13BB	BERGTON-CRIDERS VA	168.9	LIC	BLTTV	-19841024IC
13	WIVC-LP	CHARLOTTESVILLE VA	141.4	LIC	BLTVL	-20070504AGQ
13	NEW	NEW MARKET VA	139.9	APP	BNPDVL	-20090826AAV

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	BLCDDT	-20090619ABW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WHTM-TV	HARRISBURG PA	112.0	CP	BPCDDT	-20080620AGL
10	WHTM-TV	HARRISBURG PA	112.0	LIC	BLCDDT	-20040812AAH
11	WPIX	NEW YORK NY	271.7	APP	BMPCDDT	-20080620ALB
11	WPIX	NEW YORK NY	275.8	LIC	BLCDDT	-20090911ABN
11	WPCW	JEANNETTE PA	314.7	CP MOD	BMPCDDT	-20080616ABM
11	WPCW	JEANNETTE PA	314.7	LIC	BLCDDT	-20090626AAT
11	WBRE-TV	WILKES-BARRE PA	215.7	LIC	BLCDDT	-20051123AJX
11	WVPT	STAUNTON VA	264.9	CP	BPEDT	-20081022ABK
11	WVPT	STAUNTON VA	264.9	LIC	BLEDT	-20021220ADX
12	WHYY-TV	WILMINGTON DE	144.0	CP MOD	BMPEDT	-20091204ADC
12	WWBT	RICHMOND VA	216.4	LIC	BLCDDT	-20090803ABS
12	WWPX-TV	MARTINSBURG WV	122.2	LIC	BLCDDT	-20021108AAX
12	WWPX-LD	WASHINGTON DC	56.5	APP	USERRECORD-01	

Total scenarios = 16

Result key: 1

Scenario 1 Affected station 1
Before Analysis

Results for: 11A MD BALTIMORE BLCDDT 20090619ABW LIC

HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7444192	24102.9
not affected by terrain losses	7136341	22772.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	230945	817.8
lost to ATV IX only	230945	817.8
lost to all IX	230945	817.8

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BPCDDT	20080620AGL	CP
11A NY NEW YORK	BLCDDT	20090911ABN	LIC

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
11A VA STAUNTON	BPEDT	20081022ABK	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC

After Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC
HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7444192	24102.9
not affected by terrain losses	7136341	22772.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	817125	1186.5
lost to ATV IX only	817125	1186.5
lost to all IX	817125	1186.5

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
11A VA STAUNTON	BPEDT	20081022ABK	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
12A DC WASHINGTON	USERRECORD01		APP

The following station failed the de minimis interference criteria.

12D DC WASHINGTON USERRECORD01
ERP 0.15 kW HAAT 115.0 m RCAMSL 184.0 m
Antenna CDB 00000000094716

Due to interference to the following station and scenario: 1
11D MD BALTIMORE BLCDT 20090619ABW
ERP 5.00 kW HAAT 299.0 m RCAMSL 383.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 8.4887 to BLCDT 20090619ABW

Worst case new IX 8.5145% Scenario 2

Note: There is an interference agreement with the licensee of WBAL-TV based on the use of a full-service emission mask for the proposed facility. The predicted worst-case interference based on the use of the full-service mask is 0.0917%.

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WBAL-TV	BALTIMORE MD	BPCDT -20100429AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WHTM-TV	HARRISBURG PA	112.0	CP	BPCDT -20080620AGL
10	WHTM-TV	HARRISBURG PA	112.0	LIC	BLCDT -20040812AAH
11	WPIX	NEW YORK NY	271.7	APP	BMPCDT -20080620ALB
11	WPIX	NEW YORK NY	275.8	LIC	BLCDT -20090911ABN
11	WPCW	JEANNETTE PA	314.7	CP MOD	BMPCDT -20080616ABM
11	WPCW	JEANNETTE PA	314.7	LIC	BLCDT -20090626AAT
11	WBRE-TV	WILKES-BARRE PA	215.7	LIC	BLCDT -20051123AJX
11	WVPT	STAUNTON VA	264.9	CP	BPEDT -20081022ABK
11	WVPT	STAUNTON VA	264.9	LIC	BLEDT -20021220ADX
12	WHYY-TV	WILMINGTON DE	144.0	CP MOD	BMPEDT -20091204ADC
12	WWBT	RICHMOND VA	216.4	LIC	BLCDT -20090803ABS
12	WWPX-TV	MARTINSBURG WV	122.2	LIC	BLCDT -20021108AAX
12	WWPX-LD	WASHINGTON DC	56.5	APP	USERRECORD-01

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

Total scenarios = 16

Result key: 17
Scenario 1 Affected station 2
Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF APP
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8603698	31826.4
not affected by terrain losses	8247754	29723.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	351314	1236.1
lost to ATV IX only	351314	1236.1
lost to all IX	351314	1236.1

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
11A VA STAUNTON	BPEDT	20081022ABK	CP
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC

After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF APP
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8603698	31826.4
not affected by terrain losses	8247754	29723.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	538476	1389.7
lost to ATV IX only	538476	1389.7
lost to all IX	538476	1389.7

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
11A VA STAUNTON	BPEDT	20081022ABK	CP
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
12A DC WASHINGTON	USERRECORD01		APP

The following station failed the de minimis interference criteria.

12D DC WASHINGTON USERRECORD01
ERP 0.15 kW HAAT 115.0 m RCAMSL 184.0 m
Antenna CDB 0000000094716

Due to interference to the following station and scenario: 1
11D MD BALTIMORE BPCDT 20100429AAF
ERP 26.60 kW HAAT 299.0 m RCAMSL 383.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 2.3702 to BPCDT 20100429AAF

Worst case new IX 2.3979% Scenario 2

Note: There is an interference agreement with the licensee of WBAL-TV based on the use of a full-service emission mask for the proposed facility. The predicted worst-case interference based on the use of the full-service mask is 0.0475%.

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OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WNDC-LP	SALISBURY MD	BLTVL	-20070601ABM

Stations Potentially Affecting This Station

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.
11	WVPT	STAUNTON VA	BPEDT	-20081022ABK

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WVPT	STAUNTON VA	BLEDT	-20021220ADX

Stations Potentially Affecting This Station

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.
12	WHYY-TV	WILMINGTON DE	BMPEDT	-20091204ADC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	144.0	LIC	BLCDT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	144.0	APP	BPCDT	-20100429AAF
11	WPIX	NEW YORK NY	127.8	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	132.0	LIC	BLCDT	-20090911ABN
11	WBRE-TV	WILKES-BARRE PA	137.7	LIC	BLCDT	-20051123AJX
12	WNYT	ALBANY NY	304.9	LIC	BLCDT	-20031022ABL
12	WNYT	ALBANY NY	304.9	CP	BPCDT	-20080620ADA
12	WNAC-TV	PROVIDENCE RI	389.7	CP MOD	BMPCDT	-20080620AAU
12	WWBT	RICHMOND VA	343.3	LIC	BLCDT	-20090803ABS
12	WWPX-TV	MARTINSBURG WV	250.0	LIC	BLCDT	-20021108AAX
13	WJZ-TV	BALTIMORE MD	144.0	CP	BPCDT	-20080312ABN
13	WNET	NEWARK NJ	132.0	LIC	BLEDT	-20090612ADI
13	WNET	NEWARK NJ	127.8	APP	BMPCDT	-20090709AGX
13	WYOU	SCRANTON PA	137.7	LIC	BLCDT	-20051123AJU
12	WWPX-LD	WASHINGTON DC	199.1	APP	USERRECORD-01	

Total scenarios = 10

Result key:

37

Scenario 5 Affected station

6

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

Before Analysis

Results for: 12A DE WILMINGTON BMPEDT 20091204ADC CP
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9754666	29592.3
not affected by terrain losses	9422678	28043.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	277566	568.1
lost to ATV IX only	277566	568.1
lost to all IX	277566	568.1

Potential Interfering Stations Included in above Scenario 5

11A MD BALTIMORE	BPCDT	20100429AAF	APP
11A NY NEW YORK	BMPEDT	20080620ALB	APP
12A NY ALBANY	BPCDT	20080620ADA	CP
12A RI PROVIDENCE	BMPEDT	20080620AAU	CP
12A VA RICHMOND	BLCDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A MD BALTIMORE	BPCDT	20080312ABN	CP
13A NJ NEWARK	BLEDT	20090612ADI	LIC

After Analysis

Results for: 12A DE WILMINGTON BMPEDT 20091204ADC CP
HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9754666	29592.3
not affected by terrain losses	9422678	28043.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	277638	569.1
lost to ATV IX only	277638	569.1
lost to all IX	277638	569.1

Potential Interfering Stations Included in above Scenario 5

11A MD BALTIMORE	BPCDT	20100429AAF	APP
11A NY NEW YORK	BMPEDT	20080620ALB	APP
12A NY ALBANY	BPCDT	20080620ADA	CP
12A RI PROVIDENCE	BMPEDT	20080620AAU	CP
12A VA RICHMOND	BLCDT	20090803ABS	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A MD BALTIMORE	BPCDT	20080312ABN	CP
13A NJ NEWARK	BLEDT	20090612ADI	LIC
12A DC WASHINGTON	USERRECORD01		APP

Percent new IX = 0.0008%

Worst case new IX 0.0008% Scenario 5

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	W64CN	RALEIGH NC	BDISDTT -20060328AKE

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

12 WPXU-LP AMITYVILLE NY BMPDVL -20100608ADY

Stations Potentially Affecting This Station

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	WL2CA	ELLIOTTSTBURG PA	BLTTV	-19890424IC

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WWBT	RICHMOND VA	BLCDT	-20090803ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	216.4	LIC	BLCDT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	216.4	APP	BPCDT	-20100429AAF
11	WTVD	DURHAM NC	224.0	LIC	BLCDT	-20090612ACW
11	WTVD	DURHAM NC	224.0	CP	BPCDT	-20090922ABF
11	WVPT	STAUNTON VA	175.0	CP	BPEDT	-20081022ABK
11	WVPT	STAUNTON VA	175.0	LIC	BLEDT	-20021220ADX
12	WHYY-TV	WILMINGTON DE	343.3	CP MOD	BMPEDT	-20091204ADC
12	WCTI-TV	NEW BERN NC	267.4	LIC	BLCDT	-20090622ADO
12	WBOY-TV	CLARKSBURG WV	315.7	CP	BPCDT	-20080620AMD
12	WWPX-TV	MARTINSBURG WV	222.3	LIC	BLCDT	-20021108AAX
13	WJZ-TV	BALTIMORE MD	216.4	CP	BPCDT	-20080312ABN
13	WVEC	HAMPTON VA	119.5	LIC	BLCDT	-20090612AJJ
13	WSET-TV	LYNCHBURG VA	189.4	LIC	BLCDT	-20091013ABE
12	WWPX-LD	WASHINGTON DC	164.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 43

Scenario 1 Affected station 10

Before Analysis

Results for: 12A VA RICHMOND BLCDT 20090803ABS LIC

HAAT 242.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1644035	29462.5
not affected by terrain losses	1616243	28662.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	146521	2114.2
lost to ATV IX only	146521	2114.2
lost to all IX	146521	2114.2

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A NC NEW BERN	BLCDT	20090622ADO	LIC
12A WV CLARKSBURG	BPCDT	20080620AMD	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A VA HAMPTON	BLCDT	20090612AJJ	LIC

After Analysis

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

Results for: 12A VA RICHMOND BLCDT 20090803ABS LIC
HAAT 242.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1644035	29462.5
not affected by terrain losses	1616243	28662.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	147969	2151.0
lost to ATV IX only	147969	2151.0
lost to all IX	147969	2151.0

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A NC NEW BERN	BLCDT	20090622ADO	LIC
12A WV CLARKSBURG	BPCDT	20080620AMD	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A VA HAMPTON	BLCDT	20090612AJJ	LIC
12A DC WASHINGTON	USERRECORD01		APP

Percent new IX = 0.0985%

Worst case new IX 0.0985% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WBOY-TV	CLARKSBURG WV	BPCDT -20080620AMD

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WVPX-TV	MARTINSBURG WV	BLCDT -20021108AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WBAL-TV	BALTIMORE MD	122.2	LIC	BLCDT -20090619ABW
11	WBAL-TV	BALTIMORE MD	122.2	APP	BPCDT -20100429AAF
11	WPCW	JEANNETTE PA	202.5	CP MOD	BMPEDT -20080616ABM
11	WPCW	JEANNETTE PA	202.5	LIC	BLCDT -20090626AAT
11	WVPT	STAUNTON VA	179.9	CP	BPEDT -20081022ABK
11	WVPT	STAUNTON VA	179.9	LIC	BLEDT -20021220ADX
12	WHYY-TV	WILMINGTON DE	250.0	CP MOD	BMPEDT -20091204ADC
12	WMFD-TV	MANSFIELD OH	413.3	LIC	BLCDT -20081112ALJ
12	WICU-TV	ERIE PA	332.6	CP	BPCDT -20080317AEJ
12	WWBT	RICHMOND VA	222.3	LIC	BLCDT -20090803ABS
12	WBOY-TV	CLARKSBURG WV	195.6	CP	BPCDT -20080620AMD
13	WJZ-TV	BALTIMORE MD	122.2	CP	BPCDT -20080312ABN
13	WQED	PITTSBURGH PA	195.6	LIC	BLEDT -20091127ABD
12	WVPX-LD	WASHINGTON DC	101.8	APP	USERRECORD-01

Total scenarios = 2

Result key: 44

Scenario 1 Affected station 12

Before Analysis

Results for: 12A WV MARTINSBURG BLCDT 20021108AAX LIC

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

HAAT 314.0 m, ATV ERP 23.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3266180	31616.3
not affected by terrain losses	2633203	25814.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	354585	1006.9
lost to ATV IX only	354585	1006.9
lost to all IX	354585	1006.9

Potential Interfering Stations Included in above Scenario 1

11A MD BALTIMORE	BLC DT	20090619ABW	LIC
12A DE WILMINGTON	BMP EDT	20091204ADC	CP
12A VA RICHMOND	BLC DT	20090803ABS	LIC
12A WV CLARKSBURG	BPC DT	20080620AMD	CP
13A MD BALTIMORE	BPC DT	20080312ABN	CP

After Analysis

Results for: 12A WV MARTINSBURG BLC DT 20021108AAX LIC

HAAT 314.0 m, ATV ERP 23.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3266180	31616.3
not affected by terrain losses	2633203	25814.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	593644	1307.6
lost to ATV IX only	593644	1307.6
lost to all IX	593644	1307.6

Potential Interfering Stations Included in above Scenario 1

11A MD BALTIMORE	BLC DT	20090619ABW	LIC
12A DE WILMINGTON	BMP EDT	20091204ADC	CP
12A VA RICHMOND	BLC DT	20090803ABS	LIC
12A WV CLARKSBURG	BPC DT	20080620AMD	CP
13A MD BALTIMORE	BPC DT	20080312ABN	CP
12A DC WASHINGTON	USERRECORD01		APP

The following station failed the de minimis interference criteria.

12D DC WASHINGTON USERRECORD01
ERP 0.15 kW HAAT 115.0 m RCAMSL 184.0 m
Antenna CDB 00000000094716

Due to interference to the following station and scenario: 1

12D WV MARTINSBURG BLC DT 20021108AAX
ERP 23.00 kW HAAT 314.0 m RCAMSL 519.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 10.4914 to BLC DT 20021108AAX

Worst case new IX 10.4914% Scenario 1

Note: The licensee of WWPX-TV is the applicant for the instant digital replacement translator facility and it consents to the predicted interference that will occur with respect to the WWPX-TV main facility. Because the proposed facility will re-broadcast WWPX-TV, very minimal actual interference is expected to occur as a result of the instant proposal.

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WJZ-TV	BALTIMORE MD	BPC DT -20080312ABN

Stations Potentially Affecting This Station

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WHYY-TV	WILMINGTON DE	144.0	CP MOD	BMPEDT	-20091204ADC
12	WWBT	RICHMOND VA	216.4	LIC	BLCDT	-20090803ABS
12	WVPX-TV	MARTINSBURG WV	122.2	LIC	BLCDT	-20021108AAX
13	WNET	NEWARK NJ	275.8	LIC	BLEDT	-20090612ADI
13	WNET	NEWARK NJ	271.7	APP	BMPCDT	-20090709AGX
13	WQED	PITTSBURGH PA	308.4	LIC	BLEDT	-20091127ABD
13	WYOU	SCRANTON PA	215.7	LIC	BLCDT	-20051123AJU
13	WVEC	HAMPTON VA	280.4	LIC	BLCDT	-20090612AJJ
13	WSET-TV	LYNCHBURG VA	343.6	LIC	BLCDT	-20091013ABE
12	WVPX-LD	WASHINGTON DC	56.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 46
Scenario 1 Affected station 13
Before Analysis

Results for: 13A MD BALTIMORE BPCDT 20080312ABN CP
HAAT 295.0 m, ATV ERP 28.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8291225	29504.4
not affected by terrain losses	7956020	27719.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	399453	1549.6
lost to ATV IX only	399453	1549.6
lost to all IX	399453	1549.6

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A NJ NEWARK	BLEDT	20090612ADI	LIC
13A PA PITTSBURGH	BLEDT	20091127ABD	LIC
13A PA SCRANTON	BLCDT	20051123AJU	LIC
13A VA HAMPTON	BLCDT	20090612AJJ	LIC
13A VA LYNCHBURG	BLCDT	20091013ABE	LIC

After Analysis

Results for: 13A MD BALTIMORE BPCDT 20080312ABN CP
HAAT 295.0 m, ATV ERP 28.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8291225	29504.4
not affected by terrain losses	7956020	27719.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	701283	1749.9
lost to ATV IX only	701283	1749.9
lost to all IX	701283	1749.9

Potential Interfering Stations Included in above Scenario 1

12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
13A NJ NEWARK	BLEDT	20090612ADI	LIC
13A PA PITTSBURGH	BLEDT	20091127ABD	LIC
13A PA SCRANTON	BLCDT	20051123AJU	LIC
13A VA HAMPTON	BLCDT	20090612AJJ	LIC
13A VA LYNCHBURG	BLCDT	20091013ABE	LIC
12A DC WASHINGTON	USERRECORD01		APP

The following station failed the de minimis interference criteria.

12D DC WASHINGTON USERRECORD01
ERP 0.15 kW HAAT 115.0 m RCMSL 184.0 m
Antenna CDB 0000000094716

Due to interference to the following station and scenario: 1

13D MD BALTIMORE BPCDT 20080312ABN
ERP 28.80 kW HAAT 295.0 m RCMSL 378.0 m
Antenna CDB 0000000085234

Percent new interference from proposal: 3.9943 to BPCDT 20080312ABN

OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

Worst case new IX 3.9943% Scenario 1

Note: There is an interference agreement with the licensee of WJZ-TV based on the use of a full-service emission mask for the proposed facility. The predicted worst-case interference based on the use of the full-service mask is 0.0287%.

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WSCP-CA	BELLEFONTE PA	BPTVA -20080804AAV

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WWJT-LD	PHILADELPHIA PA	BDCCDTL -20060920AAY

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WSCP-CA	STATE COLLEGE PA	BLTVL -19900522IB

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	W13BB	BERGTON-CRIDERS VA	BLTTV -19841024IC

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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OET-69 Interference Analysis (NEW-DRT, Washington, DC, Ch. 12) (Summary Results)

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	WIVC-LP	CHARLOTTESVILLE VA	BLTVL -20070504AGQ

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	NEW	NEW MARKET VA	BNPDVL -20090826AAV

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WVPX-LD	WASHINGTON DC	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WBAL-TV	BALTIMORE MD	56.5	LIC	BLCDT -20090619ABW
11	WBAL-TV	BALTIMORE MD	56.5	APP	BPCDT -20100429AAF
12	WHYY-TV	WILMINGTON DE	199.1	CP MOD	BMPEDT -20091204ADC
12	WWTB	RICHMOND VA	164.7	LIC	BLCDT -20090803ABS
12	WBOY-TV	CLARKSBURG WV	282.7	CP	BPCDT -20080620AMD
12	WVPX-TV	MARTINSBURG WV	101.8	LIC	BLCDT -20021108AAX
13	WJZ-TV	BALTIMORE MD	56.5	CP	BPCDT -20080312ABN

Total scenarios = 1

Result key: 48

Scenario 1 Affected station 20

Before Analysis

Results for: 12A DC WASHINGTON USERRECORD01 APP

HAAT 115.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2700609	1810.0
not affected by terrain losses	2700609	1810.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22999	25.9
lost to ATV IX only	22999	25.9
lost to all IX	22999	25.9

Potential Interfering Stations Included in above Scenario 1

12A WV MARTINSBURG BLCDT 20021108AAX LIC

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