

**FIGURE 1 (12 Pages)**

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/cdbb/pt\_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-19-2013 Time: 18:19:08

Record Selected for Analysis

MANTEO USERRECORD-01 MANTEO NC US  
Channel 17 ERP 15. kW HAAT 155. m RCAMSL 00155 m STRINGENT MASK  
Latitude 035-51-54 Longitude 0075-39-00  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make usr Model DIE\_C1 Beam tilt N Ref Azimuth 330.  
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	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	8.059	154.2	43.848	
45.0	0.386	154.9	28.272	
90.0	0.084	154.9	20.571	
135.0	0.084	154.9	20.573	
180.0	0.103	155.0	21.596	
225.0	0.058	155.0	18.679	
270.0	1.314	155.0	34.553	
315.0	12.586	154.9	46.174	

# 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 0.07km from AM station

WANCHESE NC WOBR Status: L Antenna: DAD

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## Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
17	MANTEO	MANTEO NC	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	W16DF-D	GREENVILLE NC	151.5	CP	BNPDTL	-20100209AAN
16	W16DI-D	ROCKY MOUNT NC	196.8	CP	BDCCDTL	-20110725AAC
16	WHRO-TV	HAMPTON-NORFOLK VA	129.8	LIC	BLEDT	-20090701AFO
17	WNCN	GOLDSBORO NC	260.4	LIC	BLCDT	-20090612AIH
17	W17DO-D	WILMINGTON NC	274.5	CP	BNPDTL	-20100422AAG
17	W34CQ	MYRTLE BEACH SC	400.3	CP MOD	BMPDPTT	-20120409ABV
17	WKTD-CD	PORTSMOUTH VA	131.3	LIC	BLTTA	-20050316ACC
17	WXOB-LP	RICHMOND VA	255.8	LIC	BLTTA	-20020809AAN
18	W18BB-D	ELIZABETH CITY NC	68.5	LIC	BLDTL	-20110720ACI
18	W18BS	HAMPTON VA	152.4	LIC	BLTTL	-19961118JG
18	WVBN-LP	VIRGINIA BEACH VA	108.2	LIC	BLTTL	-20030124ADP
18	WVBN-LP	VIRGINIA BEACH VA	108.1	APP	BMPTTL	-20030116AAG
24	W24EC-D	MANTEO NC	0.1	CP	BDISTTL	-20110809ABH
24	W24OI	VIRGINIA BEACH VA	114.8	LIC	BLTT	-19960603JA

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## Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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16 W16DF-D GREENVILLE NC BNPDTL -20100209AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	W16DI-D	ROCKY MOUNT NC	111.1	CP	BDCCDTL	-20110725AAC
16	WPDE-TV	FLORENCE SC	223.9	LIC	BLCDT	-20080815ABI
16	WHRO-TV	HAMPTON-NORFOLK VA	192.7	LIC	BLEDT	-20090701AFO
17	MANTEO	MANTEO NC	151.5	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.
16	W16DI-D	ROCKY MOUNT NC	BDCCDTL	-20110725AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	W15DO-D	GREENVILLE NC	68.3	CP	BDCCDTL	-20120416ABG
15	WRPX-TV	ROCKY MOUNT NC	38.4	LIC	BLCDT	-20020510AAF
16	W16DF-D	GREENVILLE NC	111.1	CP	BNPDTL	-20100209AAN
16	WPDE-TV	FLORENCE SC	219.0	LIC	BLCDT	-20080815ABI
16	WVAW-LD	CHARLOTTESVILLE VA	237.3	LIC	BLDTL	-20090218AEG
16	WHRO-TV	HAMPTON-NORFOLK VA	155.3	LIC	BLEDT	-20090701AFO
17	WNCN	GOLDSBORO NC	67.8	LIC	BLCDT	-20090612AIH
17	MANTEO	MANTEO NC	196.8	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.
16	WHRO-TV	HAMPTON-NORFOLK VA	BLEDT	-20090701AFO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WRPX-TV	ROCKY MOUNT NC	170.1	LIC	BLCDT	-20020510AAF
16	WPDE-TV	FLORENCE SC	372.7	LIC	BLCDT	-20080815ABI
17	WNCN	GOLDSBORO NC	220.9	LIC	BLCDT	-20090612AIH
17	MANTEO	MANTEO NC	129.8	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1  
Scenario 1 Affected station 3  
Before Analysis

Results for: 16A VA HAMPTON-NORFOLK BLEDT 20090701AFO LIC  
HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2010852	33407.4
not affected by terrain losses	2010852	33407.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 16A VA HAMPTON-NORFOLK BLEDT 20090701AFO LIC  
HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2010852	33407.4
not affected by terrain losses	2010852	33407.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	260	76.2
lost to ATV IX only	260	76.2
lost to all IX	260	76.2

Potential Interfering Stations Included in above Scenario 1

17A NC MANTEO USERRECORD01 APP

Percent new IX = 0.0129%

Worst case new IX 0.0129% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WNCN	GOLDSBORO NC	BLCDT	-20090612AIH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WPDE-TV	FLORENCE SC	162.7	LIC	BLCDT	-20080815ABI

16	WHRO-TV	HAMPTON-NORFOLK VA	220.9	LIC	BLEDT	-20090701AFO
17	WUNE-TV	LINVILLE NC	301.7	LIC	BLEDT	-20091118ADR
17	WLTX	COLUMBIA SC	268.9	LIC	BLCDT	-20050701AAC
17	WFXR	ROANOKE VA	223.1	CP	BPCDT	-20120927ALB
17	WFXR	ROANOKE VA	223.1	LIC	BLCDT	-20090609ABS
18	WFXB	MYRTLE BEACH SC	175.6	LIC	BLCDT	-20070205ACJ
18	WDBJ	ROANOKE VA	223.1	LIC	BLCDT	-20090714AAW
17	MANTEO	MANTEO NC	260.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 2  
 Scenario 1 Affected station 4  
 Before Analysis

Results for: 17A NC GOLDSBORO BLCDT 20090612AIH LIC  
 HAAT 611.0 m, ATV ERP 291.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2818166	40677.8
not affected by terrain losses	2815288	40509.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	220076	4871.7
lost to ATV IX only	220076	4871.7
lost to all IX	220076	4871.7

Potential Interfering Stations Included in above Scenario 1

16A SC FLORENCE	BLCDT	20080815ABI	LIC
17A NC LINVILLE	BLEDT	20091118ADR	LIC
17A SC COLUMBIA	BLCDT	20050701AAC	LIC
17A VA ROANOKE	BPCDT	20120927ALB	CP
18A SC MYRTLE BEACH	BLCDT	20070205ACJ	LIC

After Analysis

Results for: 17A NC GOLDSBORO BLCDT 20090612AIH LIC  
 HAAT 611.0 m, ATV ERP 291.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2818166	40677.8
not affected by terrain losses	2815288	40509.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	220076	4871.7
lost to ATV IX only	220076	4871.7
lost to all IX	220076	4871.7

Potential Interfering Stations Included in above Scenario 1

16A SC FLORENCE	BLCDT	20080815ABI	LIC
17A NC LINVILLE	BLEDT	20091118ADR	LIC
17A SC COLUMBIA	BLCDT	20050701AAC	LIC
17A VA ROANOKE	BPCDT	20120927ALB	CP
18A SC MYRTLE BEACH	BLCDT	20070205ACJ	LIC
17A NC MANTEO	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 3  
Scenario 2 Affected station 4  
Before Analysis

Results for: 17A NC GOLDSBORO BLCDT 20090612AIH LIC  
HAAT 611.0 m, ATV ERP 291.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2818166	40677.8
not affected by terrain losses	2815288	40509.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	216471	4725.0
lost to ATV IX only	216471	4725.0
lost to all IX	216471	4725.0

Potential Interfering Stations Included in above Scenario 2

16A SC FLORENCE	BLCDT	20080815ABI	LIC
17A NC LINVILLE	BLEDT	20091118ADR	LIC
17A SC COLUMBIA	BLCDT	20050701AAC	LIC
17A VA ROANOKE	BLCDT	20090609ABS	LIC
18A SC MYRTLE BEACH	BLCDT	20070205ACJ	LIC

After Analysis

Results for: 17A NC GOLDSBORO BLCDT 20090612AIH LIC  
HAAT 611.0 m, ATV ERP 291.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2818166	40677.8
not affected by terrain losses	2815288	40509.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	216471	4725.0
lost to ATV IX only	216471	4725.0
lost to all IX	216471	4725.0

Potential Interfering Stations Included in above Scenario 2

16A SC FLORENCE	BLCDT	20080815ABI	LIC
17A NC LINVILLE	BLEDT	20091118ADR	LIC
17A SC COLUMBIA	BLCDT	20050701AAC	LIC
17A VA ROANOKE	BLCDT	20090609ABS	LIC
18A SC MYRTLE BEACH	BLCDT	20070205ACJ	LIC
17A NC MANTEO	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	W17DO-D	WILMINGTON NC	BNPDTL -20100422AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WPDE-TV	FLORENCE SC	124.5	LIC	BLCDT -20080815ABI
17	WNCN	GOLDSBORO NC	161.6	LIC	BLCDT -20090612AIH
17	WLTX	COLUMBIA SC	257.1	LIC	BLCDT -20050701AAC
17	W34CQ	MYRTLE BEACH SC	125.8	CP MOD	BMPDPTT -20120409ABV
17	WFXR	ROANOKE VA	377.8	CP	BPCDT -20120927ALB
17	WFXR	ROANOKE VA	377.8	LIC	BLCDT -20090609ABS
18	WFXB	MYRTLE BEACH SC	111.4	LIC	BLCDT -20070205ACJ
17	MANTEO	MANTEO NC	274.5	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.
17	W34CQ	MYRTLE BEACH SC	BMPDPTT -20120409ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WPDE-TV	FLORENCE SC	89.5	LIC	BLCDT -20080815ABI
17	WNCN	GOLDSBORO NC	236.0	LIC	BLCDT -20090612AIH
17	WUNE-TV	LINVILLE NC	374.2	LIC	BLEDT -20091118ADR
17	W17DO-D	WILMINGTON NC	125.8	CP	BNPDTL -20100422AAG
17	WLTX	COLUMBIA SC	167.5	LIC	BLCDT -20050701AAC
18	WFXB	MYRTLE BEACH SC	67.0	LIC	BLCDT -20070205ACJ
17	MANTEO	MANTEO NC	400.3	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.
17	WKTD-CD	PORTSMOUTH VA	BLTTA -20050316ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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16	WHRO-TV	HAMPTON-NORFOLK VA	1.5	LIC	BLEDT	-20090701AFO
17	WNCN	GOLDSBORO NC	221.1	LIC	BLCDT	-20090612AIH
17	WPHL-TV	PHILADELPHIA PA	374.7	LIC	BLCDT	-20090918ABV
17	WXOB-LP	RICHMOND VA	125.2	LIC	BLTTA	-20020809AAN
17	WFXR	ROANOKE VA	326.0	CP	BPCDT	-20120927ALB
17	WFXR	ROANOKE VA	326.0	LIC	BLCDT	-20090609ABS
18	W18BB-D	ELIZABETH CITY NC	65.6	LIC	BLDTL	-20110720ACI
18	W18BS	HAMPTON VA	30.4	LIC	BLTTL	-19961118JG
18	WVBN-LP	VIRGINIA BEACH VA	35.2	LIC	BLTTL	-20030124ADP
18	WVBN-LP	VIRGINIA BEACH VA	35.2	APP	BMPTTL	-20030116AAG
17	MANTEO	MANTEO NC	131.3	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.
17	WXOB-LP	RICHMOND VA	BLTTA	-20020809AAN

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	126.7	LIC	BLEDT	-20090701AFO
17	WNCN	GOLDSBORO NC	233.7	LIC	BLCDT	-20090612AIH
17	WPHL-TV	PHILADELPHIA PA	334.1	LIC	BLCDT	-20090918ABV
17	WKTD-CD	PORTSMOUTH VA	125.2	LIC	BLTTA	-20050316ACC
17	WFXR	ROANOKE VA	237.6	CP	BPCDT	-20120927ALB
17	WFXR	ROANOKE VA	237.6	LIC	BLCDT	-20090609ABS
19	WCAV	CHARLOTTESVILLE VA	94.2	LIC	BLCDT	-20090522ADB
21	WVPY	FRONT ROYAL VA	124.3	CP MOD	BMPEDT	-20130215AAJ
24	WNVC	FAIRFAX VA	142.4	LIC	BLEDT	-20090612ACS
25	WTVR-TV	RICHMOND VA	13.6	LIC	BLCDT	-20021204ABA
31	WAVY-TV	PORTSMOUTH VA	125.2	LIC	BLCDT	-20010409ABP
32	WVIR-TV	CHARLOTTESVILLE VA	94.2	LIC	BLCDT	-20040908AAE
17	MANTEO	MANTEO NC	255.8	APP	USERRECORD-01	
21	WVPY	FRONT ROYAL VA		CP MOD	BMPEDT	-20130215AAJ
21	WVPY	FRONT ROYAL VA		CP MOD	BMPEDT	-20130215AAJ
21	WVPY	FRONT ROYAL VA		CP MOD	BMPEDT	-20130215AAJ

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.
18	W18BB-D	ELIZABETH CITY NC	BLDTL	-20110720ACI



# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WKTD-CD	PORTSMOUTH VA	65.6	LIC	BLTTA	-20050316ACC
18	W18EH-D	RALEIGH NC	180.9	CP	BDCCDTL	-20111129FHZ
18	WFXB	MYRTLE BEACH SC	356.2	LIC	BLCDT	-20070205ACJ
18	W18BS	HAMPTON VA	91.3	LIC	BLTTL	-19961118JG
18	W18EG-D	ONANCOCK VA	182.5	LIC	BLDTT	-20120614AAG
18	WDBJ	ROANOKE VA	365.6	LIC	BLCDT	-20090714AAW
18	WVBN-LP	VIRGINIA BEACH VA	53.8	LIC	BLTTL	-20030124ADP
18	WVBN-LP	VIRGINIA BEACH VA	53.7	APP	BMPTTL	-20030116AAG
17	MANTEO	MANTEO NC	68.5	APP	USERRECORD-01	

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.
18	W18BS	HAMPTON VA	BLTTL	-19961118JG

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	31.5	LIC	BLEDT	-20090701AFO
17	WKTD-CD	PORTSMOUTH VA	30.4	LIC	BLTTA	-20050316ACC
18	W18BB-D	ELIZABETH CITY NC	91.3	LIC	BLDTL	-20110720ACI
18	W18EG-D	ONANCOCK VA	113.0	LIC	BLDTT	-20120614AAG
18	WDBJ	ROANOKE VA	330.6	LIC	BLCDT	-20090714AAW
18	WVBN-LP	VIRGINIA BEACH VA	45.1	LIC	BLTTL	-20030124ADP
18	WVBN-LP	VIRGINIA BEACH VA	45.1	APP	BMPTTL	-20030116AAG
19	WYSJ-CA	YORKTOWN VA	1.9	CP	BDFCDTA	-20090825BHE
19	WYSJ-CA	YORKTOWN VA	1.9	LIC	BLTTA	-20070418AAU
19	WYSJ-CA	YORKTOWN VA	1.9	APP	BSTA	-20130607AAS
20	WUND-TV	EDENTON NC	131.9	LIC	BMLEDT	-20101027ABX
22	WRIC-TV	PETERSBURG VA	114.2	LIC	BLCDT	-20090209ABZ
25	WTVR-TV	RICHMOND VA	114.2	LIC	BLCDT	-20021204ABA
26	WRLH-TV	RICHMOND VA	114.2	LIC	BLCDT	-20041207AAW
33	WTVZ-TV	NORFOLK VA	31.5	LIC	BLCDT	-20090602ABA
17	MANTEO	MANTEO NC	152.4	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 11

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	WVBN-LP	VIRGINIA BEACH VA	BLTTL	-20030124ADP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	34.3	LIC	BLEDT	-20090701AFO
17	WKTD-CD	PORTSMOUTH VA	35.2	LIC	BLTTA	-20050316ACC
18	W18BB-D	ELIZABETH CITY NC	53.8	LIC	BLDTL	-20110720ACI
18	W18BS	HAMPTON VA	45.1	LIC	BLTTL	-19961118JG
18	WDBJ	ROANOKE VA	361.4	LIC	BLCDT	-20090714AAW
20	WUND-TV	EDENTON NC	97.7	LIC	BMLED	-20101027ABX
33	WTVZ-TV	NORFOLK VA	34.3	LIC	BLCDT	-20090602ABA
17	MANTEO	MANTEO NC	108.2	APP	USERRECORD-01	

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.
18	WVBN-LP	VIRGINIA BEACH VA	BMP TTL	-20030116AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	34.3	LIC	BLEDT	-20090701AFO
17	WKTD-CD	PORTSMOUTH VA	35.2	LIC	BLTTA	-20050316ACC
18	W18BB-D	ELIZABETH CITY NC	53.7	LIC	BLDTL	-20110720ACI
18	W18BS	HAMPTON VA	45.1	LIC	BLTTL	-19961118JG
18	WDBJ	ROANOKE VA	361.3	LIC	BLCDT	-20090714AAW
20	WUND-TV	EDENTON NC	97.6	LIC	BMLED	-20101027ABX
33	WTVZ-TV	NORFOLK VA	34.3	LIC	BLCDT	-20090602ABA
17	MANTEO	MANTEO NC	108.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W24EC-D	MANTEO NC	BDISTTL	-20110809ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	129.8	LIC	BLEDT	-20090701AFO
20	WUND-TV	EDENTON NC	62.8	LIC	BMLED	-20101027ABX

24	WEFC-TV	DANVILLE VA	373.0	CP	BPCDT	-20080317AIL
24	WNVC	FAIRFAX VA	362.3	LIC	BLEDT	-20090612ACS
24	W24OI	VIRGINIA BEACH VA	114.8	LIC	BLTT	-19960603JA
31	WAVY-TV	PORTSMOUTH VA	131.3	LIC	BLCDT	-20010409ABP
17	MANTEO	MANTEO NC	0.1	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 14

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W24OI	VIRGINIA BEACH VA	BLTT	-19960603JA

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	46.8	LIC	BLEDT	-20090701AFO
20	WUND-TV	EDENTON NC	111.8	LIC	BMLEDT	-20101027ABX
24	WEFC-TV	DANVILLE VA	319.3	CP	BPCDT	-20080317AIL
24	WNVC	FAIRFAX VA	248.7	LIC	BLEDT	-20090612ACS
25	WVAD-LD	CHESAPEAKE VA	27.4	LIC	BLDTL	-20121214ABD
31	WAVY-TV	PORTSMOUTH VA	47.4	LIC	BLCDT	-20010409ABP
39	WJHJ-LP	NEWPORT NEWS, ETC. VA	33.1	LIC	BLTTL	-20060221ABX
39	WJHJ-LP	NEWPORT NEWS, ETC. VA	33.1	APP	BSTA	-20130607AAT
17	MANTEO	MANTEO NC	114.8	APP	USERRECORD-01	

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.
17	MANTEO	MANTEO NC	USERRECORD-01	

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	129.8	LIC	BLEDT	-20090701AFO
17	WNCN	GOLDSBORO NC	260.4	LIC	BLCDT	-20090612AIH
17	WKTD-CD	PORTSMOUTH VA	131.3	LIC	BLTTA	-20050316ACC
18	W18BB-D	ELIZABETH CITY NC	68.5	LIC	BLDTL	-20110720ACI

Total scenarios = 1

Result key: 4  
Scenario 1 Affected station 15  
Before Analysis

Results for: 17A NC MANTEO USERRECORD01 APP  
HAAT 155.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	30787	3463.3
not affected by terrain losses	30787	3463.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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