```
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: 03-25-2014    Time: 14:54:13

 Record Selected for Analysis

 WAZW-LD  BLDTL     -20100108ABD      WINCHESTER           VA US
 Channel 46 ERP 15.    kW   HAAT   491 m  RCAMSL 00662 m STRINGENT MASK
 Latitude 038-57-36  Longitude 0078-19-52
 Status LIC       Zone      Border      Site number: 01
 Dir Antenna Make CDB  Model 00000000016393  Beam tilt Y  Ref Azimuth  35.0
 Last update 00000000  Cutoff date 00000000  Docket
 Comments
 Applicant JONES BROADCASTING, LLC



 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       12.890     461.0       62.232
     45.0       14.553     467.1       63.180
     90.0       14.245     491.5       63.796
    135.0       10.710     397.9       58.405
    180.0        3.085     337.6       48.877
    225.0        0.960     230.2       37.221
    270.0        6.192     399.0       55.388
    315.0       14.259     379.2       59.129

Database HAAT does not agree with computed HAAT
Database HAAT:      491  Computed HAAT:      395




        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

****

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN	
46	WAZW-LD	WINCHESTER VA	BLDTL	20100108ABD

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	W31CQ	ELKINS WV	139.0	LIC	BLTTL	-20070711ACO
42	W42CK	HAGERSTOWN MD	86.4	LIC	BLTTL	-19991020AAP
43	W43BP	CRESAPTOWN MD	84.6	LIC	BLTT	-19981124JI
45	W45DN-D	WASHINGTON DC	152.0	LIC	BLDTL	-20110201ACL
45	WWAT-CA	UNIONTOWN PA	150.4	CP	BDFCDTA	-20121022ACG
45	WWAT-CA	UNIONTOWN PA	150.4	LIC	BLTTL	-19990706JJ
45	WZTD-LD	RICHMOND VA	173.0	LIC	BLDTL	-20121009ACA
45	WAZT-LD	WOODSTOCK VA	20.0	CP	BDCCDTL	-20131227ADV
45	W45EF-D	ROANOKE WV	190.0	CP	BNPDTL	-20100514AAU
46	WBFF	BALTIMORE MD	150.8	LIC	BLCDT	-20110131ASE
46	WUNC-TV	OXFORD NC	280.3	LIC	BLEDT	-20110613ABH
46	W46EU-D	RALEIGH NC	363.4	LIC	BLDTL	-20110509AAP
46	WBFT-CA	SANFORD NC	393.9	LIC	BLTTL	-19890630IK
46	WBFT-CA	SANFORD NC	393.9	CP	BDFCDTA	-20121004AAG
46	WSOC-TV	STATESVILLE NC	405.8	LIC	BLCDT	-20120628AAK
46	WNJJ-LD	PATERSON NJ	391.3	CP	BDISDTL	-20110818ACK
46	W46EZ-D	ELMIRA NY	369.2	CP	BNPDTL	-20100518AEE
46	WJW	AUSTINTOWN OH	308.4	CP	BDRTCDT	-20101123AOI
46	WFMZ-TV	ALLENTOWN PA	290.9	APP	BPCDT	-20101214AAB
+						
46	WFMZ-TV	ALLENTOWN PA	304.6	LIC	BMLCDT	-20111230AAF

46	WKBS-TV	ALTOONA PA	179.2	LIC	BLCDT	-20120518AEG
46	WQVC-CA	GREENSBURG PA	201.9	APP	BDISDTA	-20121022AAN
46	W52BO	MEADVILLE PA	335.0	APP	BSTA	-20121029AAB
46	W52BO	MEADVILLE PA	304.7	CP	BDISDTL	-20120307AAA
46	WHTJ	CHARLOTTESVILLE VA	109.4	LIC	BLEDT	-20050819ADO
46	WPXV-TV	NORFOLK VA	287.9	LIC	BLCDT	-20020510AAI
46	WVVA	BLUEFIELD WV	313.1	LIC	BLCDT	-20060929AEJ
46	W46EJ-D	CLARKSBURG WV	173.0	LIC	BLDTL	-20110223ABT
46	W46BR-D	MOOREFIELD WV	50.0	LIC	BLDTT	-20120608ACB
47	WMDO-CA	WASHINGTON DC	108.0	LIC	BLTTA	-20080428AAQ
47	WWKH-CA	UNIONTOWN PA	151.2	CP	BDISDTA	-20100125AAG
47	WPMT	YORK PA	190.1	LIC	BMLCDT	-20041025ABI
47	WUPV	ASHLAND VA	164.7	LIC	BLCDT	-20060210ABA
47	W47EN-D	ROANOKE WV	190.0	CP	BNPDTL	-20100514AAW
48	WAZW-CA	WINCHESTER VA	29.3	LIC	BLTT	-19990105JC
48	WAZW-CA	WINCHESTER VA	29.3	CP	BPTTA	-20131227ADU
49	WWTD-LP	WASHINGTON DC	108.0	LIC	BLTTL	-20060711ABI

+ Indicates station is part of a DTS

%%%

Analysis of Interference to Affected Station 38

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WAZW-LD	WINCHESTER VA	BLDTL	-20100108ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WAZT-LD	WOODSTOCK VA	20.0	CP	BDCCDTL	-20131227ADV
46	WBFF	BALTIMORE MD	150.8	LIC	BLCDT	-20110131ASE
46	WFMZ-TV	ALLENTOWN PA	290.9	APP	BPCDT	-20101214AAB
46	WFMZ-TV	ALLENTOWN PA	304.6	APP	BPCDT	-20101214AAB
46	WFMZ-TV	ALLENTOWN PA	304.6	LIC	BMLCDT	-20111230AAF
46	WKBS-TV	ALTOONA PA	179.2	LIC	BLCDT	-20120518AEG
46	WHTJ	CHARLOTTESVILLE VA	109.4	LIC	BLEDT	-20050819ADO
46	WPXV-TV	NORFOLK VA	287.9	LIC	BLCDT	-20020510AAI
46	WVVA	BLUEFIELD WV	313.1	LIC	BLCDT	-20060929AEJ
46	W46EJ-D	CLARKSBURG WV	173.0	LIC	BLDTL	-20110223ABT
46	W46BR-D	MOOREFIELD WV	50.0	LIC	BLDTT	-20120608ACB

Total scenarios = 2

Result key: 14
Scenario 1 Affected station 38
Before Analysis

Results for: 46A VA WINCHESTER BLDTL 20100108ABD LIC

```
   HAAT  491.0 m, ATV ERP   15.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour       328985       9773.3
   not affected by terrain losses     264289       6858.3
   lost to NTSC IX                         0          0.0
   lost to additional IX by ATV        22568        887.0
   lost to ATV IX only                 22568        887.0
   lost to all IX                      22568        887.0

 Potential Interfering Stations Included in above Scenario     1

45A VA WOODSTOCK            BDCCDTL   20131227ADV  CP
46A MD BALTIMORE            BLCDT     20110131ASE  LIC
46A PA ALLENTOWN            BMLCDT    20111230AAF  LIC
46A PA ALTOONA              BLCDT     20120518AEG  LIC
46A VA CHARLOTTESVILLE      BLEDT     20050819ADO  LIC
46A VA NORFOLK              BLCDT     20020510AAI  LIC
46A WV MOOREFIELD           BLDTT     20120608ACB  LIC

Result key:       15
Scenario        2  Affected station       38
Before Analysis

Results for: 46A VA WINCHESTER           BLDTL     20100108ABD  LIC
   HAAT  491.0 m, ATV ERP   15.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour       328985       9773.3
   not affected by terrain losses     264289       6858.3
   lost to NTSC IX                         0          0.0
   lost to additional IX by ATV        22568        887.0
   lost to ATV IX only                 22568        887.0
   lost to all IX                      22568        887.0

 Potential Interfering Stations Included in above Scenario     2

45A VA WOODSTOCK            BDCCDTL   20131227ADV  CP
46A MD BALTIMORE            BLCDT     20110131ASE  LIC
46A PA ALLENTOWN            BPCDT     20101214AAB  APP
46A PA ALTOONA              BLCDT     20120518AEG  LIC
46A VA CHARLOTTESVILLE      BLEDT     20050819ADO  LIC
46A VA NORFOLK              BLCDT     20020510AAI  LIC
46A WV MOOREFIELD           BLDTT     20120608ACB  LIC

 Proposal fails - It has no service

 Proposal fails scenario       2  received IX increased to    100.0%

 Proposal is MX with BPCDT     20101214AAB  in scenario      2


#########################################################################

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
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