

ENGINEERING EXHIBIT

Application for Digital Television Station Construction Permit

prepared for

Bluestone License Holdings Inc.

WCYB-TV Bristol, VA

Facility ID 2455

Ch. 5 29.9 kW 743 m

Bluestone License Holdings Inc. (“Bluestone”) is the licensee of WCYB-TV, Bristol, VA, Facility ID 2455. During the pre-transition period, WCYB-TV operated on digital Channel 28 (BLCDT-20020812ACC). A Construction Permit (“CP”, BPCDT-20080327AFS) authorizes construction of the WCYB-TV post-transition digital facility at 7.1 kW effective radiated power (“ERP”) on Low-band VHF Channel 5, its former analog channel. WCYB-TV is presently operating on Channel 5 and a license application is pending to cover the construction (BLCDT-20090622AEE). WCYB-TV’s current operation on Channel 5 is at an increased ERP of 29.9 kW pursuant to Special Temporary Authority (“STA” BDSTA-20090708AGZ, extension request pending BEDSTA-20100105AAZ). The STA was sought shortly after the transition date in order to recover many viewers who lost reception when WCYB-TV ceased analog transmission. *Bluestone* herein seeks a new CP to permanently increase the ERP to 29.9 kW while maintaining the authorized antenna location and height.

The transmitting antenna (Dielectric model TF-4MT) is located on an antenna supporting structure having FCC Antenna Structure Registration number 1225306. No change to the overall structure height and no tower work are required to carry out this proposal.

A map is supplied as **Figure 1**, which depicts the standard predicted coverage contours. This map includes the location of Bristol, WCYB-TV’s principal community. As demonstrated thereon, the proposed facility complies with §73.625(a)(1), as the entire principal community will be encompassed by the 35 dB μ contour.

The proposed WCYB-TV facility's predicted service population provides a 129.5 percent match of the Appendix B facility, as detailed in the following table.

Population Summary (2000 Census) OET Bulletin 69 method	Appendix B	Proposed
Within Noise Limited Contour	2,215,776	2,872,343
Not affected by terrain losses	1,948,066	2,516,794
Lost to all interference	13,573	11,982
Net DTV Service	1,934,493	2,504,812
Match of Appendix B	---	129.48%

Maximum ERP per §73.622(f)(6)

The proposed 29.9 kW ERP exceeds the §73.622(f)(6) power limit for 743 m HAAT. *Bluestone* requests a waiver of §73.622(f)(6). As discussed in the following, and in a separate statement provided by *Bluestone*, the purpose of the power increase is not intended to expand WCYB-TV's coverage area but rather to restore service losses that have been experienced within its principal community and other areas within the prior analog facility's Grade B service area with the transition to digital operation.

WCYB-TV's Low-Band VHF Channel 5 operation at 7.1 kW was unable to replicate the coverage achieved by its prior analog Channel 5 facility, as described in the request underlying BDSTA-20090708AGZ. Over 1200 calls were received regarding reception problems, particularly regarding indoor reception.¹ The STA authorizes WCYB-TV to operate at 29.9 kW ERP. Based on experience subsequent to implementing the power increase, WCYB-TV personnel believe that substantial progress has been made to resolve the reception problems.

Interference Analysis

The proposed facility expands the WCYB-TV service contour beyond that established by Appendix B values. A detailed interference study per OET Bulletin 69² shows that the proposal

¹WCYB-TV's experience is similar to other stations using Low-Band VHF channels in the post-transition period. It has been found that indoor reception is difficult for digital Low-band VHF stations such as WCYB-TV due to the longer wavelength signal's inability to readily pass through buildings (the windows are smaller than the wavelength size), the ineffectiveness of many indoor antennas many of which were designed to emphasize the shorter wavelengths for UHF reception, and high levels of manmade and environmental noise.

²FCC Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 ("OET-69"). The implementation of OET-69 for this study followed the

complies with the 0.5 percent limit of new interference caused to pertinent nearby digital television stations. The interference study output report is provided as **Table 1**. Protection requirements towards authorized Class A stations are also satisfied.

Other Allocation Considerations

The nearest FCC monitoring station is 373 km distant at Powder Springs, GA. This exceeds by a large margin the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. The site is not located within the areas requiring coordination with “quiet” zones specified in §73.1030(a) and (b). There are no AM stations within 3.2 kilometers of the site, based on information contained within the Commission’s database. The site location is beyond the border areas requiring international coordination.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

The proposal will involve use of an existing transmitting antenna. The use of existing transmitting locations has been characterized as being environmentally preferable by the Commission, according to Note 1 of §1.1306 of the FCC Rules. No tower construction or change in structure height is proposed. Therefore, it is believed that this application may be categorically excluded from environmental processing pursuant to §1.1306 of the Commission’s rules.

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission’s OET Bulletin Number 65. Based on OET-65 equation (10), and considering 30 percent antenna relative field in downward elevations (pattern data shows less than 30 percent relative field at angles 15 to 90 degrees below the antenna), the calculated signal density near the tower at two meters above ground level attributable to the proposed facility is $8.6 \mu\text{W}/\text{cm}^2$, which is 4.3 percent of the general population/uncontrolled maximum permitted exposure limit. This is below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal’s contribution is less than five percent.

guidelines of OET-69 as specified therein. A standard cell size of 2 km was employed. Comparisons of various results of this computer program (run on a Sun Sparc processor) to the Commission’s implementation of OET-69 show excellent correlation.

The applicant will coordinate exposure procedures with all pertinent stations and will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic field exposure in excess of FCC guidelines.

Certification

The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direction, and that they are true and correct to the best of his knowledge and belief.



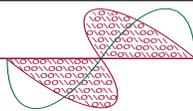
Joseph M. Davis, P.E.
April 5, 2010

Chesapeake RF Consultants, LLC
11993 Kahns Road
Manassas, VA 20112
703-650-9600

List of Attachments

Figure 1	Proposed Coverage Contours
Table 1	OET Bulletin 69 Interference Study
Form 301	Saved Version of Engineering Sections from FCC Form at Time of Upload

This material was entered April 5, 2010 for filing electronically. Since the FCC's electronic filing system may be accessed by anyone with the applicant's name and password, and electronic data may otherwise be altered in an unauthorized fashion, we cannot be responsible for changes made subsequent to our entry of this data and related attachments.



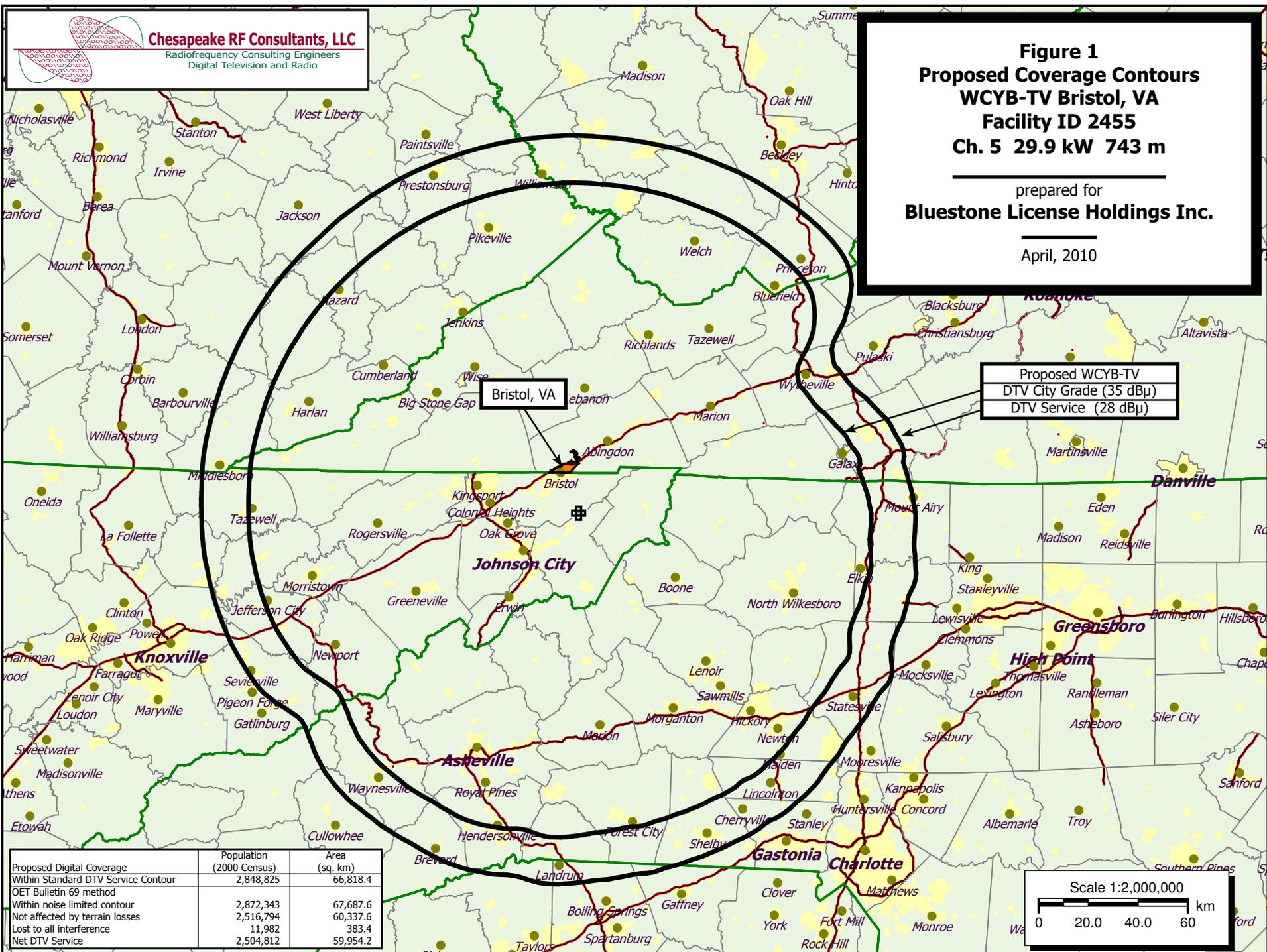
Chesapeake RF Consultants, LLC
 Radiofrequency Consulting Engineers
 Digital Television and Radio

Figure 1
Proposed Coverage Contours
WCYB-TV Bristol, VA
Facility ID 2455
Ch. 5 29.9 kW 743 m

prepared for
Bluestone License Holdings Inc.

April, 2010

Proposed WCYB-TV
 DTV City Grade (35 dBμ)
 DTV Service (28 dBμ)



Proposed Digital Coverage	Population (2000 Census)	Area (sq. km)
Within Standard DTV Service Contour	2,848,825	66,818.4
OET Bulletin 69 method		
Within noise limited contour	2,872,343	67,687.6
Not affected by terrain losses	2,516,794	60,337.6
Lost to all interference	11,982	383.4
Net DTV Service	2,504,812	59,954.2

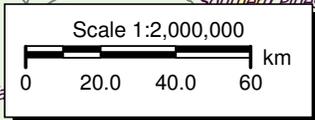


Table 1 WCYB-TV OET Bulletin 69 Interference Study
(worst-case scenarios shown page 1 of 6)

TW Census data selected 2000
Post Transition Data Base Selected /space/software/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-05-2010 Time: 10:35:06

Record Selected for Analysis

WCYB-DT USERRECORD-01 BRISTOL VA US
Channel 05 ERP 29.9 kW HAAT 743. m RCAMSL 01388 m
Latitude 036-26-58 Longitude 0082-06-29
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits
Channel 5 ERP = 29.90 HAAT = 743.

Azimuth (Deg)	ERP (kW)	HAAT (m)	28.0 dBu F(50,90) (km)
0.0	29.900	864.2	151.3
45.0	29.900	740.9	147.2
90.0	29.900	544.6	135.8
135.0	29.900	628.0	142.3
180.0	29.900	747.2	147.4
225.0	29.900	675.6	144.5
270.0	29.900	859.0	151.2
315.0	29.900	882.9	151.8

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

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

Table 1 WCYB-TV OET Bulletin 69 Interference Study
(worst-case scenarios shown page 2 of 6)

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
05	WCYB-DT	BRISTOL VA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WTVF	NASHVILLE TN	419.3	CP MOD	BMPCDT	-20080619AFB
05	WTVF	NASHVILLE TN	419.3	PLN	DTVPLN	-DTVPO028
05	WDTV	WESTON WV	327.1	PLN	DTVPLN	-DTVPO032
05	WDTV	WESTON WV	352.7	CP MOD	BMPCDT	-20080618ACH

Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
05	WTVF	NASHVILLE TN	BMPCDT	-20080619AFB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WMC-TV	MEMPHIS TN	305.1	CP MOD	BMPCDT	-20080619AJS
05	WMC-TV	MEMPHIS TN	305.1	PLN	DTVPLN	-DTVPO027
05	WCYB-TV	BRISTOL VA	419.3	PLN	DTVPLN	-DTVPO030
05	WCYB-DT	BRISTOL VA	419.3	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for:	5A TN NASHVILLE	BMPCDT	20080619AFB	CP
HAAT	425.0 m, ATV ERP	22.0 kW		
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	2260593	47459.4	
	not affected by terrain losses	2235134	45980.0	
	lost to NTSC IX	0	0.0	
	lost to additional IX by ATV	39844	1967.1	
	lost to ATV IX only	39844	1967.1	
	lost to all IX	39844	1967.1	

Potential Interfering Stations Included in above Scenario 1

5A TN MEMPHIS	BMPCDT	20080619AJS	CP
5A VA BRISTOL	DTVPLN	DTVPO030	PLN

After Analysis

Results for:	5A TN NASHVILLE	BMPCDT	20080619AFB	CP
HAAT	425.0 m, ATV ERP	22.0 kW		

Table 1 WCYB-TV OET Bulletin 69 Interference Study
(worst-case scenarios shown page 3 of 6)

	POPULATION	AREA (sq km)
within Noise Limited Contour	2260593	47459.4
not affected by terrain losses	2235134	45980.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	40159	1983.1
lost to ATV IX only	40159	1983.1
lost to all IX	40159	1983.1

Potential Interfering Stations Included in above Scenario 1

5A TN MEMPHIS	BMPCDT	20080619AJS	CP
5A VA BRISTOL	USERRECORD01		APP

Percent new IX = 0.0143%

Worst case new IX 0.0143% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	WTVF	NASHVILLE TN	DTVPLN	-DTVP0028

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WMC-TV	MEMPHIS TN	305.1	CP MOD	BMPCDT	-20080619AJS
05	WMC-TV	MEMPHIS TN	305.1	PLN	DTVPLN	-DTVP0027
05	WCYB-TV	BRISTOL VA	419.3	PLN	DTVPLN	-DTVP0030
05	WCYB-DT	BRISTOL VA	419.3	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.
05	WDTV	WESTON WV	DTVPLN	-DTVP0032

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	NEW	SEAFORD DE	419.1	APP	BPRM	-20091008ACC
05	WLMB	TOLEDO OH	424.9	LIC	BLCDDT	-20050201AAF
05	WLMB	TOLEDO OH	424.9	PLN	DTVPLN	-DTVP0024
05	WCYB-TV	BRISTOL VA	327.1	PLN	DTVPLN	-DTVP0030
05	WCYB-DT	BRISTOL VA	327.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 3

Table 1 WCYB-TV OET Bulletin 69 Interference Study
(worst-case scenarios shown page 4 of 6)

Before Analysis

Results for:	5A WV WESTON	DTVPLN	DTVP0032	PLN
HAAT	268.0 m, ATV ERP	7.1 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		718972	31901.2	
not affected by terrain losses		643797	29869.5	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		3045	123.7	
lost to ATV IX only		3045	123.7	
lost to all IX		3045	123.7	

Potential Interfering Stations Included in above Scenario 1

5A VA BRISTOL	DTVPLN	DTVP0030	PLN
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After Analysis

Results for:	5A WV WESTON	DTVPLN	DTVP0032	PLN
HAAT	268.0 m, ATV ERP	7.1 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		718972	31901.2	
not affected by terrain losses		643797	29869.5	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		4306	275.4	
lost to ATV IX only		4306	275.4	
lost to all IX		4306	275.4	

Potential Interfering Stations Included in above Scenario 1

5A VA BRISTOL	USERRECORD01	APP
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Percent new IX = 0.1968%

Worst case new IX 0.1968% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	WDTV	WESTON WV	BMPCDT	-20080618ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	NEW	SEAFORD DE	415.1	APP	BPRM	-20091008ACC
05	WLMB	TOLEDO OH	412.5	LIC	BLCDDT	-20050201AAF
05	WLMB	TOLEDO OH	412.5	PLN	DTVPLN	-DTVP0024
05	WCYB-TV	BRISTOL VA	352.7	PLN	DTVPLN	-DTVP0030
05	WCYB-DT	BRISTOL VA	352.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 4
Scenario 1 Affected station 4
Before Analysis

Table 1 WCYB-TV OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 6)

Results for: 5A WV WESTON BMPCDT 20080618ACH CP
 HAAT 240.0 m, ATV ERP 10.0 kW
 POPULATION AREA (sq km)
 within Noise Limited Contour 958394 32515.7
 not affected by terrain losses 867418 30554.7
 lost to NTSC IX 0 0.0
 lost to additional IX by ATV 566 56.4
 lost to ATV IX only 566 56.4
 lost to all IX 566 56.4

Potential Interfering Stations Included in above Scenario 1

5A VA BRISTOL DTVPLN DTVP0030 PLN

After Analysis

Results for: 5A WV WESTON BMPCDT 20080618ACH CP
 HAAT 240.0 m, ATV ERP 10.0 kW
 POPULATION AREA (sq km)
 within Noise Limited Contour 958394 32515.7
 not affected by terrain losses 867418 30554.7
 lost to NTSC IX 0 0.0
 lost to additional IX by ATV 1784 173.1
 lost to ATV IX only 1784 173.1
 lost to all IX 1784 173.1

Potential Interfering Stations Included in above Scenario 1

5A VA BRISTOL USERRECORD01 APP

Percent new IX = 0.1405%

Worst case new IX 0.1405% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
05	WCYB-DT	BRISTOL VA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WTVF	NASHVILLE TN	419.3	CP MOD	BMPCDT	-20080619AFB
05	WTVF	NASHVILLE TN	419.3	PLN	DTVPLN	-DTVP0028
05	WDTV	WESTON WV	327.1	PLN	DTVPLN	-DTVP0032
05	WDTV	WESTON WV	352.7	CP MOD	BMPCDT	-20080618ACH

Total scenarios = 4

Result key: 6
 Scenario 2 Affected station 5
 Before Analysis

Results for: 5A VA BRISTOL USERRECORD01 APP
 HAAT 743.0 m, ATV ERP 29.9 kW
 POPULATION AREA (sq km)
 within Noise Limited Contour 2872343 67687.6

Table 1 WCYB-TV OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 6)

not affected by terrain losses 2516794 60337.6
 lost to NTSC IX 0 0.0
 lost to additional IX by ATV 11982 383.4
 lost to ATV IX only 11982 383.4
 lost to all IX 11982 383.4

Potential Interfering Stations Included in above Scenario 2

5A TN NASHVILLE BMPCDT 20080619AFB CP
 5A WV WESTON BMPCDT 20080618ACH CP

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

SECTION III-D - DTV Engineering	
Complete Questions 1-5, and provide all data and information for the proposed facility, as requested in Technical Specifications, Items 1-13.	
<p>Pre-Transition Certification Checklist: An application concerning a pre-transition channel must complete questions 1(a)-(c), and 2-5. A correct answer of "Yes" to all of the questions will ensure an expeditious grant of a construction permit application to change pre-transition facilities. However, if the proposed facility is located within the Canadian or Mexican borders, coordination of the proposal under the appropriate treaties may be required prior to grant of the application. An answer of "No" will require additional evaluation of the applicable information in this form before a construction permit can be granted.</p> <p>Post-Transition Expedited Processing. An application concerning a post-transition channel must complete questions 1(a), (d)-(e), and 2-5. A station applying for a construction permit to build its post-transition channel will receive expedited processing if its application (1) does not seek to expand the noise-limited service contour in any direction beyond that established by Appendix B of the Seventh Report and Order in MB Docket No. 87-268 establishing the new DTV Table of Allotments in 47 C.F.R. § 73.622(i) ("new DTV Table Appendix B"); (2) specifies facilities that match or closely approximate those defined in the new DTV Table Appendix B facilities; and (3) is filed within 45 days of the effective date of Section 73.616 of the rules adopted in the Report and Order in the Third DTV Periodic Review proceeding, MB Docket No. 07-91.</p>	
1. The proposed DTV facility complies with 47 C.F.R. Section 73.622 in the following respects:	
(a) It will operate on the DTV channel for this station as established in 47 C.F.R. Section 73.622.	<input checked="" type="radio"/> Yes <input type="radio"/> No
(b) It will operate a pre-transition facility from a transmitting antenna located within 5.0 km (3.1 miles) of the DTV reference site for this station as established in 47 C.F.R. Section 73.622.	<input type="radio"/> Yes <input type="radio"/> No
(c) It will operate a pre-transition facility with an effective radiated power (ERP) and antenna height above average terrain (HAAT) that do not exceed the DTV reference ERP and HAAT for this station as established in 47 C.F.R. Section 73.622.	<input type="radio"/> Yes <input type="radio"/> No
(d) It will operate at post-transition facilities that do not expand the noise-limited service contour in any direction beyond that established by Appendix B of the Seventh Report and Order in MB Docket No. 87-268 establishing the new DTV Table of Allotments in 47 C.F.R. § 73.622(i) ("new DTV Table Appendix B").	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
(e) It will operate at post-transition facilities that match or reduce by no more than five percent with respect to predicted population from those defined in the new DTV Table Appendix B.	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
2. The proposed facility will not have a significant environmental impact, including exposure of workers or the general public to levels of RF radiation exceeding the applicable health and safety guidelines, and therefore will not come within 47 C.F.R. Section 1.1307. Applicant must submit the Exhibit called for in Item 13.	<input checked="" type="radio"/> Yes <input type="radio"/> No
3. Pursuant to 47 C.F.R. Section 73.625, the DTV coverage contour of the proposed facility will encompass the allotted principal community.	<input checked="" type="radio"/> Yes <input type="radio"/> No
4. The requirements of 47 C.F.R. Section 73.1030 regarding notification to radio astronomy installations, radio receiving installations and FCC monitoring stations have either been satisfied or are not applicable.	<input checked="" type="radio"/> Yes <input type="radio"/> No
5. The antenna structure to be used by this facility has been registered by the Commission and will not require registration to support the proposed antenna, OR the FAA has previously determined that the proposed structure will not adversely effect safety in air navigation and this structure qualifies for later registration under the Commission's phased registration plan, OR the proposed installation on this structure does not require notification to the FAA pursuant to 47 C.F.R. Section 17.7.	<input checked="" type="radio"/> Yes <input type="radio"/> No

SECTION III-D - DTV Engineering	
TECHNICAL SPECIFICATIONS	
Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.	
TECH BOX	
1. Channel Number:	DTV 5 Analog TV, if any
2. Zone:	<input type="radio"/> I <input checked="" type="radio"/> II <input type="radio"/> III
3. Antenna Location Coordinates: (NAD 27)	Latitude: Degrees 36 Minutes 26 Seconds 58 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 82 Minutes 06 Seconds 29 <input checked="" type="radio"/> West <input type="radio"/> East
4. Antenna Structure Registration Number: 1225306	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA
5. Antenna Location Site Elevation Above Mean Sea Level:	1284 meters
6. Overall Tower Height Above Ground Level:	128 meters
7. Height of Radiation Center Above Ground Level:	104 meters
8. Height of Radiation Center Above Average Terrain :	743 meters
9. Maximum Effective Radiated Power (average power):	29.9 kW

10.	<p>Antenna Specifications:</p> <p>a. Manufacturer DIE Model TF-4MT</p> <p>b. Electrical Beam Tilt: degrees <input checked="" type="checkbox"/> Not Applicable</p> <p>c. Mechanical Beam Tilt: degrees toward azimuth degrees True <input checked="" type="checkbox"/> Not Applicable</p> <p>Attach as an Exhibit all data specified in 47 C.F.R. Section 73.625(c). [Exhibit 43]</p> <p>d. Polarization: <input checked="" type="radio"/> Horizontal <input type="radio"/> Circular <input type="radio"/> Elliptical</p> <p>e. Directional Antenna Relative Field Values: <input checked="" type="checkbox"/> Not applicable (Nondirectional)</p> <p>[For a composite directional (not off-the-shelf) antenna, press the following button to fill in the relative field values subform.] [Relative Field Values]</p> <hr/> <p>If a directional antenna is proposed, the requirements of 47 C.F.R. Sections 73.625(c) must be satisfied. Exhibit required. [Exhibit 44]</p>
11.	<p>Does the proposed facility satisfy the pre-transition interference protection provisions of 47 C.F.R. Section 73.623(a) (Applicable only if Certification Checklist Items 1(a), (b), or (c) are answered "No.") and/or the post-transition interference protection provisions of 47 C.F.R. Section 73.616? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p style="text-align: right;">[Exhibit 45]</p> <p>If "No," attach as an Exhibit justification therefor, including a summary of any related previously granted waivers.</p>
12.	<p>If the proposed facility will not satisfy the coverage requirement of 47 C.F.R. Section 73.625, attach as an Exhibit justification therefore. (Applicable only if Certification Checklist item 3 is answered "No.") [Exhibit 46]</p>
13.	<p>Environmental Protection Act. Submit in an Exhibit the following: [Exhibit 47]</p> <p>If Certification Checklist Item 2 is answered "Yes," a brief explanation of why an Environmental Assessment is not required. Also describe in the Exhibit the steps that will be taken to limit RF radiation exposure to the public and to persons authorized access to the tower site.</p> <p>By checking "Yes" to Certification Checklist Item 2, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.</p> <p>If Certification Checklist Item 2 is answered "No," an Environmental Assessment as required by 47 C.F.R Section 1.1311.</p>
<p>PREPARERS CERTIFICATION ON SECTION III MUST BE COMPLETED AND SIGNED.</p>	

SECTION III - PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name JOSEPH M. DAVIS, P.E.	Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER	
Signature	Date 4/5/2010	
Mailing Address CHESAPEAKE RF CONSULTANTS, LLC 11993 KAHNS ROAD		
City MANASSAS	State or Country (if foreign address) VA	Zip Code 20112 -
Telephone Number (include area code) 7036509600	E-Mail Address (if available) JOSEPH.DAVIS@RF-CONSULTANTS.COM	