Technical Report
In Support of
47 C.F.R. Section 73.3555
Based
Interim Contour Method Multiple Ownership Studies

for

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select stations within the
Tidewater Communications, LLC
Charlottesville, VA & Harrisonburg, VA Regions
"Interim Method Markets A-D & BIA Market - Harrisonburg, VA (239)"

WVAX(AM) - CHARLOTTESVILLE, VA (Facility ID: 161156)
WHBG(AM) - HARRISONBURG, VA (Facility ID: 72143)
WSVA(AM) - HARRISONBURG, VA (Facility ID: 39493)
WINA(AM) - CHARLOTTESVILLE, VA (Facility ID: 10649)
WCNR(FM) - KESWICK, VA (Facility ID: 52394)
WCVL-FM - CHARLOTTESVILLE, VA (Facility ID: 74161)
WQMZ(FM) - CHARLOTTESVILLE, VA (Facility ID: 10653)
WMQR(FM) - BROADWAY, VA (Facility ID: 40648)
WWRE(FM) - BRIDGEWATER, VA (Facility ID: 73935)
WSIG(FM) - MOUNT JACKSON, VA (Facility ID: 60105)
WQPO(FM) - HARRISONBURG, VA (Facility ID: 39492)
WWWV(FM) - CHARLOTTESVILLE, VA (Facility ID: 19837)

July 2023

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EXPLANATION OF REPORT: This Technical Report has been prepared to determine the number of commercial and non-commercial principal community contours associated with the Transfer/Assignment applications for the below select Tidewater Communications, LLC stations. These select stations address the general areas of Charlottesville, VA and Harrisonburg, VA. Due to the complexity of the four (4) interim method markets and one (1) BIA Market - Harrisonburg, VA (239) within this grouping, this common report has been prepared regarding the below twelve (12) Tidewater Communications, LLC facilities. Ownership studies for other Tidewater Communications, LLC stations, and other holdings associated with parent company Saga Communications, Inc., have been prepared separately. These Interim Contour-Overlap Methodology Studies have been prepared to address the unrated market portions for each filing. Compliance within the BIA Market - Harrisonburg, VA (239) count has been addressed herein, but also included in a separate showing.

Tidewater Communications, LLC, presently holds a broadcast interest in twelve (12) total aural services relevant to these Transfer/Assignment filings. Saga holdings not overlapping these stations need not be discussed herein. Concerning these relevant holdings, there will be four (4) unique and distinct interim method markets within this affected ownership group and one (1) BIA market within this affected ownership group. "Market A" is comprised of three (3) stations. "Market B" is comprised of two (2) stations. "Market C" is comprised of six (6) stations. "Market D" is comprised of six (6) stations. Six (6) stations will also be held within the BIA Market - Harrisonburg, VA (239). Each market is defined as follows:

"Market A"

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WSVA(AM)	550	HARRISONBURG	VA	BMML20171128ACC
WWWV(FM)	248B	Charlottesville	VA	BMLH19980925KA
WQPO(FM)	264B	Harrisonburg	VA	BLH19851001KA

"Market B"

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WINA(AM)	1070	CHARLOTTESVILLE	VA	BL20151007AGX
WWWV(FM)	248B	Charlottesville	VA	BMLH19980925KA
WQPO(FM)	264B	Harrisonburg	VA	BLH19851001KA

"Market C"

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WINA(AM)	1070	CHARLOTTESVILLE	VA	BL20151007AGX
WVAX(AM)	1450	CHARLOTTESVILLE	VA	BML20191113AAG
WCNR(FM)	291A	Keswick	VA	BMLH20170407AAB
WCVL-FM	224A	Charlottesville	VA	BLH20170418AAK
WQMZ(FM)	236A	Charlottesville	VA	BLH20000120AAT
WWWV(FM)	248B	Charlottesville	VA	BMLH19980925KA

"Market D"

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WHBG(AM)	1360	HARRISONBURG	VA	BL20041006AFE
WSVA(AM)	550	HARRISONBURG	VA	BMML20171128ACC
WMQR(FM)	241B1	Broadway	VA	BLH19900531KA
WQPO(FM)	264B	Harrisonburg	VA	BLH19851001KA
WSIG(FM)	245B1	Mount Jackson	VA	BLH20031230AAO
WWRE(FM)	286A	Bridgewater	VA	BLH20041112ADU

BIA Market - Harrisonburg, VA (239)

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WHBG(AM)	1360	HARRISONBURG	VA	BL20041006AFE
WSVA(AM)	550	HARRISONBURG	VA	BMML20171128ACC
WMQR(FM)	241B1	Broadway	VA	BLH19900531KA
WQPO(FM)	264B	Harrisonburg	VA	BLH19851001KA
WSIG(FM)	245B1	Mount Jackson	VA	BLH20031230AAO
WWRE(FM)	286A	Bridgewater	VA	BLH20041112ADU

EXPLANATION OF METHODOLOGY: The facilities and results reported herein were taken from current copies of AM and FM computer databases as prepared by the FCC and supplied by V-Soft Communications, LLC. The facilities listed above serve as the basis for the respective principal community contours studied. The accuracy of the results of these studies is understood to be limited to the accuracy of these databases. The FCC databases give no indication of licensed facilities that may be inoperative, construction permit facilities that may now be operating under program test authority (but have not yet been issued a license) or facilities which may have been licensed since the last update. Therefore, some stations may have been included or excluded erroneously. However, unless otherwise indicated, all licensed facilities known to be inoperative and all known applications and construction permit facilities, have been eliminated from consideration in this study.

For AM stations, Map M3 soil conductivity values and the authorized licensed transmitting facilities served as the basis for the computation of the predicted 5.0 mV/m groundwave contour in accordance with 47 C.F.R. Section 73.183 of the FCC Rules. The distance to the contour was computed for seventy-two (72) equally spaced azimuths beginning with 0° True. For FM stations, the authorized Center of Radiation and ERP values were utilized to compute the predicted 3.16 mV/m (70 dBμ) contour as provided in 47 C.F.R. Section 73.313 of the Rules. The predicted FM contours shown in this report are based on seventy-two (72) equally spaced terrain radials beginning with 0° True and assume NED 03 Second Terrain data.

As stated before, there will be four (4) unique and distinct interim method markets within this affected ownership group and one (1) BIA market within this affected ownership group. The interim markets have been defined, in accordance with 47 C.F.R. Section 73.3555 of the FCC Rules, as the area within the total perimeter formed by the combined principal community contours of each relevant interim market as noted above.

EXPLANATION OF RESULTS: The twelve (12) stations, under common control and relevant for these ownership groupings, have been noted in ***Exhibit 1.0.*** As stated before, no other Tidewater Communications, LLC holdings, or any other holdings of parent company Saga Communications, Inc, are affected by these stations. To aid in identifying the respective contours, currently controlled AM contours have been shown with solid light red lines. Currently controlled FM contours have been shown with varying-colored solid lines. The "Market A, B, C & D" common overlap areas have been designated as well.

"Market A"

CALL SIGN	CH/FREQ	CITY		STATE	FILE NUMBER
WSVA(AM)	550	HARRISONBURG	VA		BMML20171128ACC
WWWV(FM)	248B	Charlottesville	VA		BMLH19980925KA
WQPO(FM)	264B	Harrisonburg	VA		BLH19851001KA

For "Market A", the market defining contours have been shown in ***Exhibit 2.0*** of this report along with a total number of principal community contours entering the market. The defining contours have been shown with yellow lines on this map. AM contours entering the market have been denoted in blue lines. FM contour entering the market have been shown in red lines. As stated before, the contours shown represent the total number of stations entering or defining the market. Co-owned stations entering the market, but not defining the market have been omitted. Under the current rules, the market falls within the minimum limitations set forth in §73.3555(a)(1)(ii): *In a radio market with between 30 and 44 (inclusive) full-power, commercial and noncommercial radio stations, not more than 7 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM)* may be owned. The principal community contours of thirty-seven (37) other stations entering the market are shown in ***Exhibit 2.0***. Including the one (1) AM and two (2) FM station(s) which define the market, there are forty (40) aural services in this market. ***Exhibit 2.1*** lists the facilities used in this report.

"Market B"

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WINA(AM)	1070	CHARLOTTESVILLE	VA	BL20151007AGX
WWWV(FM)	248B	Charlottesville	VA	BMLH19980925KA
WQPO(FM)	264B	Harrisonburg	VA	BLH19851001KA

For "Market B", the market defining contours have been shown in ***Exhibit 3.0*** of this report along with a total number of principal community contours entering the market. The defining contours have been shown with yellow lines on this map. AM contours entering the market have been denoted in blue lines. FM contour entering the market have been shown in red lines. As stated before, the contours shown represent the total number of stations entering or defining the market. Co-owned stations entering the market, but not defining the market have been omitted. Under the current rules, the market falls within the minimum limitations set forth in §73.3555(a)(1)(ii): *In a radio market with between 30 and 44 (inclusive) full-power, commercial and noncommercial radio stations, not more than 7 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM)* may be owned. The principal community contours of thirty-seven (37) other stations entering the market are shown in ***Exhibit 3.0***. Including the one (1) AM and two (2) FM station(s) which define the market, there are forty (40) aural services in this market. ***Exhibit 2.1*** lists the facilities used in this report.

"Market C"

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WINA(AM)	1070	CHARLOTTESVILLE	VA	BL20151007AGX
WVAX(AM)	1450	CHARLOTTESVILLE	VA	BML20191113AAG
WCNR(FM)	291A	Keswick	VA	BMLH20170407AAB
WCVL-FM	224A	Charlottesville	VA	BLH20170418AAK
WQMZ(FM)	236A	Charlottesville	VA	BLH20000120AAT
WWWV(FM)	248B	Charlottesville	VA	BMLH19980925KA

For "Market C", the market defining contours have been shown in ***Exhibit 4.0*** of this report along with a total number of principal community contours entering the market. The defining contours have been shown with yellow lines on this map. AM contours entering the market have been denoted in blue lines. FM contour entering the market have been shown in red lines. As stated before, the contours shown represent the total number of stations entering or defining the market. Co-owned stations entering the market, but not defining the market have been omitted. Under the current rules, the market falls within the minimum limitations set forth in §73.3555 (a)(1)(iii): *In a radio market with between 15 and 29 (inclusive) full-power, commercial and noncommercial radio stations, not more than 6 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM)* may be owned. The principal community contours of eighteen (18) other stations entering the market are shown in ***Exhibit 4.0***. Including the two (2) AM and four (4) FM station(s) which define the market, there are twenty-four (24) aural services in this market. ***Exhibit 4.1*** lists the facilities used in this report.

Regarding the following "Market D" Interim Method Contour Method Study and BIA Market - Harrisonburg, VA (239) count, WSIG(FM) - Mount Jackson, VA is listed within the BIA Market - Harrisonburg, VA (239); however, Mount Jackson, VA is not "Home" to the Harrisonburg, VA (239) Market (i.e. the community of Mount Jackson, VA does not reside within the BIA Market - Harrisonburg, VA (239) market boundaries as noted in ***Exhibit 1.0****). In actuality, the community of Mount Jackson is "Home" to the BIA Market - Winchester, VA (202) (i.e. the community of Mount Jackson, VA resides within the BIA Market - Winchester, VA (202) boundaries as noted in* ***Exhibit 1.0****); however, as a matter of record, WSIG(FM) does not appear in the BIA Market - Winchester, VA (202) count. Therefore, out of an overabundance of caution, an individual "Market D" Interim Method Contour Method Study and BIA Market - Harrisonburg, VA (239) count have been provided for the follow stations:*

"Market D"

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WHBG(AM)	1360	HARRISONBURG	VA	BL20041006AFE
WSVA(AM)	550	HARRISONBURG	VA	BMML20171128ACC
WMQR(FM)	241B1	Broadway	VA	BLH19900531KA
WQPO(FM)	264B	Harrisonburg	VA	BLH19851001KA
WSIG(FM)	245B1	Mount Jackson	VA	BLH20031230AAO
WWRE(FM)	286A	Bridgewater	VA	BLH20041112ADU

For "Market D", the market defining contours have been shown in ***Exhibit 5.0*** of this report along with a total number of principal community contours entering the market. The defining contours have been shown with yellow lines on this map. AM contours entering the market have been denoted in blue lines. FM contour entering the market have been shown in red lines. As stated before, the contours shown represent the total number of stations entering or defining the market. Co-owned stations entering the market, but not defining the market have been omitted. Under the current rules, the market falls within the minimum limitations set forth in §73.3555(a)(1)(ii): *In a radio market with between 30 and 44 (inclusive) full-power, commercial and noncommercial radio stations, not more than 7 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM)* may be owned. The principal community contours of twenty-seven (27) other stations entering the market are shown in ***Exhibit 5.0***. Including the two (2) AM and four (4) FM station(s) which define the market, there are thirty-three (33) aural services in this market. ***Exhibit 5.1*** lists the facilities used in this report.

BIA Market - Harrisonburg, VA (239)

CALL SIGN	CH/FREQ	CITY	STATE	FILE NUMBER
WHBG(AM)	1360	HARRISONBURG	VA	BL20041006AFE
WSVA(AM)	550	HARRISONBURG	VA	BMML20171128ACC
WMQR(FM)	241B1	Broadway	VA	BLH19900531KA
WQPO(FM)	264B	Harrisonburg	VA	BLH19851001KA
WSIG(FM)	245B1	Mount Jackson	VA	BLH20031230AAO
WWRE(FM)	286A	Bridgewater	VA	BLH20041112ADU

A separate BIA Market - Harrisonburg, VA (239) count has been provided independent from this report. Under the current rules, the BIA Market - Harrisonburg, VA (239) falls within the minimum limitations set forth in §73.3555 (a)(1)(iii): *In a radio market with between 15 and 29 (inclusive) full-power, commercial and noncommercial radio stations, not more than 6 commercial radio stations in total and not more than 4 commercial stations in the same service (AM or FM)* may be owned. Including the two (2) AM and four (4) FM station(s) which are co-owned, there are eighteen (18) aural services in the BIA Market - Harrisonburg, VA (239) count. As stated before, a separate BIA Market - Harrisonburg, VA (239) count has been provided independent from this report.

CERTIFICATION OF TECHNICAL CONSULTANT: *I declare, under penalty of perjury, that the contents of this report are true and accurate to the best of my knowledge and belief. I further certify I have over twenty-four years of experience as a broadcast technical consultant before the Federal Communications Commission ("the FCC"); and am familiar with the Code of Federal Regulations Title 47 ("the Rules") as pertaining to this report and its contents herein. The underlying data utilized in this report was taken directly from FCC databases or indirectly through third party software vendors securing data directly from FCC databases. This firm cannot be held liable for errors or omissions resulting from the underlying data. The information contained herein is believed accurate to the date reported below.*

Justin W. Asher
Technical Consultant
July 10, 2023

Exhibit 2.1
Tabulation of Select Stations Entering "Market A"

Total number of overlapping contours: 40

Reference:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WSVA(AM)	AM	550	HARRISONBURG	VA	BMML20171128ACC	0.0	0.0
WWWV(FM)	FM	248B	Charlottesville	VA	BMLH19980925KA	63.9	144.0
WQPO(FM)	FM	264B	Harrisonburg	VA	BLH19851001KA	0.1	339.4

Overlapping Contours:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WOTC	FM	202A	Edinburg	VA	BLED20130412AAI	43.6	25.9
WVTW	FM	203B1	Charlottesville	VA	BLED20120327ALP	64.0	144.4
WXJM	FM	204A	Harrisonburg	VA	BLED19901010KB	3.4	112.3
WVTU	FM	207B1	Charlottesville	VA	BLED19901212KA	43.8	167.3
WPVA	FM	211B1	Waynesboro	VA	0000199897	48.9	177.8
WMRA	FM	214B	Harrisonburg	VA	BLED19950105KE	13.0	343.8
WTJU	FM	216B1	Charlottesville	VA	BLED20121120AAA	64.0	144.4
WEMC	FM	219A	Harrisonburg	VA	BLED20160427ABC	3.3	43.7
WNRN	FM	220A	Charlottesville	VA	BLED19970121KB	64.0	144.4
WSVO	FM	226A	Staunton	VA	BLH20121113ABR	24.2	197.2
WAZR	FM	229B1	Woodstock	VA	BMLH20130614ABU	25.3	42.9
WTON-FM	FM	232B1	Staunton	VA	BLH19901127KB	47.6	228.3
WBOP	FM	238A	Buffalo Gap	VA	BMLED20150514ABT	40.8	223.0
WACL	FM	253B1	Elkton	VA	BLH19890315KB	13.6	118.0
WCYK-FM	FM	259B	Staunton	VA	BLH19891222KD	43.9	168.1
WHTE-FM	FM	270A	Ruckersville	VA	BLH19930607KB	36.8	116.7
WZGN	FM	272A	Crozet	VA	BLH19900816KC	43.8	160.2
WLTK	FM	275A	New Market	VA	BMLED20170103ABU	17.5	1.7
WMRY	FM	278A	Crozet	VA	BLED19950524KC	57.7	164.2
WYFT	FM	280A	Luray	VA	BMLED20140501ABA	48.9	64.7
WKCY-FM	FM	282B	Harrisonburg	VA	BLH19920218KC	21.2	253.5
WEQF-FM	FM	287A	Dillwyn	VA	BMLED20151203AOE	99.8	165.3
WOJL	FM	288A	Louisa	VA	BLH20060710ACL	91.0	120.9
WMXH-FM	FM	289A	Luray	VA	BMLED20190424AAE	29.1	55.3
WHFV	FM	296A	Shenandoah	VA	BLED20141031AAS	23.3	77.4
WCHV-FM	FM	298A	Charlottesville	VA	BLH19960112KD	63.9	144.0
WBTX	AM	1470	BROADWAY-TIMBERVILLE	VA	BL13238	20.8	23.1
WAMM	AM	790	MOUNT JACKSON	VA	BL5292	43.4	35.0
WKCY	AM	1300	HARRISONBURG	VA	BL20091009AEL	8.9	80.8
WKCI	AM	970	WAYNESBORO	VA	BL10886	40.5	180.4
WKTR	AM	840	EARLYSVILLE	VA	BML20220823AAB	47.8	115.3
WCHV	AM	1260	CHARLOTTESVILLE	VA	BL19860114AA	54.5	133.2
WKAV	AM	1400	CHARLOTTESVILLE	VA	BL13444	59.4	141.8
WRAA	AM	1330	LURAY	VA	BML20190424ABK	43.1	57.4
WTON	AM	1240	STAUNTON	VA	BL7975	36.3	198.9
WKDW	AM	900	STAUNTON	VA	BL20001129ACX	33.7	204.9
WNLR	AM	1150	CHURCHVILLE	VA	BL19890718AC	33.1	216.3

Distance and bearing calculations from coordinates: 38-27-04 N, 078-54-29 W

Duopoly Options:
TV: Not Included
FM: 3.16 mV/m (70 dBu); Include NCE
AM: 5.0 mV/m
Stations more than 92 km from the common area were excluded.

*** Co-owned stations entering, but not defining the market, have been excluded.**
*** Stations more than 92 km from the common area have been excluded.**

Exhibit 3.1
Tabulation of Select Stations Entering "Market B"

Total number of overlapping contours: 40

Reference:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WINA(AM)	AM	1070	CHARLOTTESVILLE	VA	BL20151007AGX	0.0	0.0
WWWV(FM)	FM	248B	Charlottesville	VA	BMLH19980925KA	11.7	168.6
WQPO(FM)	FM	264B	Harrisonburg	VA	BLH19851001KA	53.6	319.0

Overlapping Contours:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WOTC	FM	202A	Edinburg	VA	BLED20130412AAI	81.0	348.7
WVTW	FM	203B1	Charlottesville	VA	BLED20120327ALP	12.0	170.5
WXJM	FM	204A	Harrisonburg	VA	BLED19901010KB	50.4	320.7
WVTU	FM	207B1	Charlottesville	VA	BLED19901212KA	25.7	264.5
WPVA	FM	211B1	Waynesboro	VA	0000199897	34.5	255.6
WMRA	FM	214B	Harrisonburg	VA	BLED19950105KE	65.5	323.8
WTJU	FM	216B1	Charlottesville	VA	BLED20121120AAA	12.0	170.5
WEMC	FM	219A	Harrisonburg	VA	BLED20160427ABC	53.8	322.4
WNRN	FM	220A	Charlottesville	VA	BLED19970121KB	12.0	170.5
WSVO	FM	226A	Staunton	VA	BLH20121113ABR	45.7	292.1
WAZR	FM	229B1	Woodstock	VA	BMLH20130614ABU	61.4	343.2
WTON-FM	FM	232B1	Staunton	VA	BLH19901127KB	71.3	277.1
WBOP	FM	238A	Buffalo Gap	VA	BMLED20150514ABT	63.9	279.6
WACL	FM	253B1	Elkton	VA	BLH19890315KB	41.0	325.8
WCYK-FM	FM	259B	Staunton	VA	BLH19891222KD	26.3	264.3
WHTE-FM	FM	270A	Ruckersville	VA	BLH19930607KB	23.7	354.5
WZGN	FM	272A	Crozet	VA	BLH19900816KC	20.4	267.3
WLTK	FM	275A	New Market	VA	BMLED20170103ABU	67.3	329.2
WMRY	FM	278A	Crozet	VA	BLED19950524KC	24.8	232.0
WYFT	FM	280A	Luray	VA	BMLED20140501ABA	61.7	8.6
WKCY-FM	FM	282B	Harrisonburg	VA	BLH19920218KC	65.2	301.8
WEQF-FM	FM	287A	Dillwyn	VA	BMLED20151203AOE	57.3	190.2
WOJL	FM	288A	Louisa	VA	BLH20060710ACL	43.4	98.9
WMXH-FM	FM	289A	Luray	VA	BMLED20190424AAE	57.8	349.0
WHFV	FM	296A	Shenandoah	VA	BLED20141031AAS	47.0	344.8
WCHV-FM	FM	298A	Charlottesville	VA	BLH19960112KD	11.7	168.6
WKAV	AM	1400	CHARLOTTESVILLE	VA	BL13444	6.6	167.1
WKCY	AM	1300	HARRISONBURG	VA	BL20091009AEL	49.3	327.8
WRAA	AM	1330	LURAY	VA	BML20190424ABK	63.4	1.2
WKCI	AM	970	WAYNESBORO	VA	BL10886	35.6	269.8
WCHV	AM	1260	CHARLOTTESVILLE	VA	BL19860114AA	5.3	57.5
WBTX	AM	1470	BROADWAY-TIMBERVILLE	VA	BL13238	65.2	335.7
WKTR	AM	840	EARLYSVILLE	VA	BML20220823AAB	21.2	22.2
WAMM	AM	790	MOUNT JACKSON	VA	BL5292	76.4	352.5
WNLR	AM	1150	CHURCHVILLE	VA	BL19890718AC	56.4	284.1
WTON	AM	1240	STAUNTON	VA	BL7975	47.4	277.3
WKDW	AM	900	STAUNTON	VA	BL20001129ACX	50.3	281.2

Distance and bearing calculations from coordinates: 38-05-19 N, 078-30-23 W

Duopoly Options:
TV: Not Included
FM: 3.16 mV/m (70 dBu); Include NCE
AM: 5.0 mV/m
Stations more than 92 km from the common area were excluded.

*** Co-owned stations entering, but not defining the market, have been excluded.**
*** Stations more than 92 km from the common area have been excluded.**

Exhibit 4.1
Tabulation of Select Stations Entering "Market C"

Total number of overlapping contours: 24

Reference:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WINA(AM)	AM	1070	CHARLOTTESVILLE	VA	BL20151007AGX	0.0	0.0
WVAX(AM)	AM	1450	CHARLOTTESVILLE	VA	BML20191113AAG	5.5	144.5
WCNR(FM)	FM	291A	Keswick	VA	BMLH20170407AAB	11.7	168.5
WCVL-FM	FM	224A	Charlottesville	VA	BLH20170418AAK	11.7	168.5
WQMZ(FM)	FM	236A	Charlottesville	VA	BLH20000120AAT	5.5	144.2
WWWV(FM)	FM	248B	Charlottesville	VA	BMLH19980925KA	11.7	168.6

Overlapping Contours:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WVTW	FM	203B1	Charlottesville	VA	BLED20120327ALP	12.0	170.5
WVTU	FM	207B1	Charlottesville	VA	BLED19901212KA	25.7	264.5
WPVA	FM	211B1	Waynesboro	VA	0000199897	34.5	255.6
WTJU	FM	216B1	Charlottesville	VA	BLED20121120AAA	12.0	170.5
WNRN	FM	220A	Charlottesville	VA	BLED19970121KB	12.0	170.5
WACL	FM	253B1	Elkton	VA	BLH19890315KB	41.0	325.8
WCYK-FM	FM	259B	Staunton	VA	BLH19891222KD	26.3	264.3
WHTE-FM	FM	270A	Ruckersville	VA	BLH19930607KB	23.7	354.5
WZGN	FM	272A	Crozet	VA	BLH19900816KC	20.4	267.3
WMRY	FM	278A	Crozet	VA	BLED19950524KC	24.8	232.0
WKCY-FM	FM	282B	Harrisonburg	VA	BLH19920218KC	65.2	301.8
WEQF-FM	FM	287A	Dillwyn	VA	BMLED20151203AOE	57.3	190.2
WOJL	FM	288A	Louisa	VA	BLH20060710ACL	43.4	98.9
WCHV-FM	FM	298A	Charlottesville	VA	BLH19960112KD	11.7	168.6
WKCI	AM	970	WAYNESBORO	VA	BL10886	35.6	269.8
WKTR	AM	840	EARLYSVILLE	VA	BML20220823AAB	21.2	22.2
WCHV	AM	1260	CHARLOTTESVILLE	VA	BL19860114AA	5.3	57.5
WKAV	AM	1400	CHARLOTTESVILLE	VA	BL13444	6.6	167.1

Distance and bearing calculations from coordinates: 38-05-19 N, 078-30-23 W

Duopoly Options:
TV: Not Included
FM: 3.16 mV/m (70 dBu); Include NCE
AM: 5.0 mV/m
Stations more than 92 km from the common area were excluded.

*** Co-owned stations entering, but not defining the market, have been excluded.**
*** Stations more than 92 km from the common area have been excluded.**

Exhibit 5.1
Tabulation of Select Stations Entering "Market D"

Total number of overlapping contours: 33

Reference:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WHBG(AM)	AM	1360	HARRISONBURG	VA	BL20041006AFE	0.0	0.0
WSVA(AM)	AM	550	HARRISONBURG	VA	BMML20171128ACC	0.0	0.0
WMQR(FM)	FM	241B1	Broadway	VA	BLH19900531KA	13.0	343.8
WQPO(FM)	FM	264B	Harrisonburg	VA	BLH19851001KA	0.1	339.4
WSIG(FM)	FM	245B1	Mount Jackson	VA	BLH20031230AAO	17.5	1.8
WWRE(FM)	FM	286A	Bridgewater	VA	BLH20041112ADU	0.1	339.4

Overlapping Contours:

Callsign	Type	Chan	City	St	File Number	Dist (km)	Azi (deg)
WOTC	FM	202A	Edinburg	VA	BLED20130412AAI	43.6	25.9
WXJM	FM	204A	Harrisonburg	VA	BLED19901010KB	3.4	112.3
WVTU	FM	207B1	Charlottesville	VA	BLED19901212KA	43.8	167.3
WPVA	FM	211B1	Waynesboro	VA	0000199897	48.9	177.8
WMRA	FM	214B	Harrisonburg	VA	BLED19950105KE	13.0	343.8
WEMC	FM	219A	Harrisonburg	VA	BLED20160427ABC	3.3	43.7
WSVO	FM	226A	Staunton	VA	BLH20121113ABR	24.2	197.2
WAZR	FM	229B1	Woodstock	VA	BMLH20130614ABU	25.3	42.9
WTON-FM	FM	232B1	Staunton	VA	BLH19901127KB	47.6	228.3
WBOP	FM	238A	Buffalo Gap	VA	BMLED20150514ABT	40.8	223.0
WACL	FM	253B1	Elkton	VA	BLH19890315KB	13.6	118.0
WCYK-FM	FM	259B	Staunton	VA	BLH19891222KD	43.9	168.1
WHTE-FM	FM	270A	Ruckersville	VA	BLH19930607KB	36.8	116.7
WZGN	FM	272A	Crozet	VA	BLH19900816KC	43.8	160.2
WLTK	FM	275A	New Market	VA	BMLED20170103ABU	17.5	1.7
WYFT	FM	280A	Luray	VA	BMLED20140501ABA	48.9	64.7
WKCY-FM	FM	282B	Harrisonburg	VA	BLH19920218KC	21.2	253.5
WMXH-FM	FM	289A	Luray	VA	BMLED20190424AAE	29.1	55.3
WHFV	FM	296A	Shenandoah	VA	BLED20141031AAS	23.3	77.4
WBTX	AM	1470	BROADWAY-TIMBERVILLE	VA	BL13238	20.8	23.1
WAMM	AM	790	MOUNT JACKSON	VA	BL5292	43.4	35.0
WKCY	AM	1300	HARRISONBURG	VA	BL20091009AEL	8.9	80.8
WKCI	AM	970	WAYNESBORO	VA	BL10886	40.5	180.4
WRAA	AM	1330	LURAY	VA	BML20190424ABK	43.1	57.4
WTON	AM	1240	STAUNTON	VA	BL7975	36.3	198.9
WKDW	AM	900	STAUNTON	VA	BL20001129ACX	33.7	204.9
WNLR	AM	1150	CHURCHVILLE	VA	BL19890718AC	33.1	216.3

Distance and bearing calculations from coordinates: 38-27-04 N, 078-54-29 W

Duopoly Options:
TV: Not Included
FM: 3.16 mV/m (70 dBu); Include NCE
AM: 5.0 mV/m
Stations more than 92 km from the common area were excluded.

*** Co-owned stations entering, but not defining the market, have been excluded.**
*** Stations more than 92 km from the common area have been excluded.**