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TECHNICAL COMMENTS
LOW POWER FM SERVICE
NORTH CAROLINA ASSOCIATION OF BROADCASTERS
VIRGINIA ASSOCIATION OF BROADCASTERS
July 1999

EXHIBIT N

RICHMOND, VIRGINIA

Our search for LP1000 stations in Richmond reveal thirteen potential frequencies. Of the thirteen channels found, two had 1st adjacent relationships. As such, eleven facilities could potentially be located at this site. If we took 2nd adjacent channel protection into consideration, four new LP1000 facilities could be located at this site. If we considered full 3rd adjacent channels protection, there would be no channels possible for the Richmond area at this location.

The LP100 search from this same site revealed 28 possible new facilities. Of these located frequencies, two had 1st adjacent relationships with other frequencies found in the search, leaving 18 possible channels. If we were to consider 2nd adjacent protection to existing full service stations, there are five LP100 facilities that could be utilized at this site. If 3rd adjacent channel stations were to be protected, it would be possible for two new LP100 facilities at this location.

RICHMOND, VIRGINIA

LP1000

Graham Brock Inc. - Broadcast Technical Consultants
St. Simons Island GA - Washington DC

Low Power FM Preclusion Study
Using WJRV site as reference

REFERENCE
37 30 52 N
77 30 28 W

Class L1 Preclusions
Current LPCM Spacings

DISPLAY DATES
DATA 05-14-99
SEARCH 05-17-99

Call		Channel	Location		Dist	Azi	FCC	Margin
--- Channel 221 92.1 MHz. ---								
WCDX	LI	221B1	Mechanicsville	VA	11.12	356.5	105.0	-93.88
WCDX.A	AP	221B1	Mechanicsville	VA	16.76	40.7	105.0	-88.24
WDYL	LI	221A	Chester	VA	16.23	154.3	79.0	-62.77
--- Channel 222 92.3 MHz. ---								
WCDX	LI	221B1	Mechanicsville	VA	11.12	356.5	70.0	-58.88
WCDX.A	AP	221B1	Mechanicsville	VA	16.76	40.7	70.0	-53.24
WDYL	LI	221A	Chester	VA	16.23	154.3	50.0	-33.77
--- Channel 223 92.5 MHz. ---								
WCDX	LI	221B1	Mechanicsville	VA	11.12	356.5	46.0	-34.88
WCDX.A	AP	221B1	Mechanicsville	VA	16.76	40.7	46.0	-29.24
WDYL	LI	221A	Chester	VA	16.23	154.3	31.0	-14.77
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	31.0	-6.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	31.0	-4.93
AP226	AP	226A	Ettrick	VA	27.19	192.8	31.0	-3.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	31.0	-3.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	31.0	-3.26
--- Channel 224 92.7 MHz. ---								
WCDX	LI	221B1	Mechanicsville	VA	11.12	356.5	46.0	-34.88
WCDX.A	AP	221B1	Mechanicsville	VA	16.76	40.7	46.0	-29.24
WDYL	LI	221A	Chester	VA	16.23	154.3	31.0	-14.77
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	31.0	-6.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	31.0	-4.93
AP226	AP	226A	Ettrick	VA	27.19	192.8	31.0	-3.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	31.0	-3.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	31.0	-3.26
--- Channel 225 92.9 MHz. ---								
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	50.0	-25.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	50.0	-23.93

Call		Channel	Location		Dist	Azi	FCC	Margin
AP226	AP	226A	Ettrick	VA	27.19	192.8	50.0	-22.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	50.0	-22.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	50.0	-22.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	50.0	-22.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	50.0	-22.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	50.0	-22.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	50.0	-22.26
WFOGFM	LI	225B	Suffolk	VA	121.83	125.3	137.0	-15.17
WFOGFM	LI	225B	Suffolk	VA	121.83	125.3	137.0	-15.17
WMXB	LI	279B	Richmond	VA	6.15	263.9	13.0	-6.85

--- Channel 226 93.1 MHz. ---

ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	79.0	-54.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	79.0	-52.93
AP226	AP	226A	Ettrick	VA	27.19	192.8	79.0	-51.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	79.0	-51.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	79.0	-51.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	79.0	-51.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	79.0	-51.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	79.0	-51.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	79.0	-51.26
WMXB	LI	279B	Richmond	VA	6.15	263.9	13.0	-6.85
WFLSFM	LI	227B	Fredericksburg	VA	88.82	3.9	95.0	-6.18

--- Channel 227 93.3 MHz. ---

WFLSFM	LI	227B	Fredericksburg	VA	88.82	3.9	137.0	-48.18
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	50.0	-25.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	50.0	-23.93
AP226	AP	226A	Ettrick	VA	27.19	192.8	50.0	-22.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	50.0	-22.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	50.0	-22.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	50.0	-22.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	50.0	-22.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	50.0	-22.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	50.0	-22.26

--- Channel 228 93.5 MHz. ---

WBBCFM	LI	228C3	Blackstone	VA	68.43	221.7	90.0	-21.57
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	31.0	-6.72
WFLSFM	LI	227B	Fredericksburg	VA	88.82	3.9	95.0	-6.18
AP226	AP	226A	Ettrick	VA	26.07	193.6	31.0	-4.93
AP226	AP	226A	Ettrick	VA	27.19	192.8	31.0	-3.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	31.0	-3.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	31.0	-3.26

Call		Channel	Location		Dist	Azi	FCC	Margin
--- Channel 229 93.7 MHz. ---								
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	31.0	-6.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	31.0	-4.93
AP226	AP	226A	Ettrick	VA	27.19	192.8	31.0	-3.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	31.0	-3.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	31.0	-3.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	31.0	-3.26
--- Channel 230 93.9 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	67.0	-46.07
WXEZ	LI	231B	Yorktown	VA	91.94	111.4	95.0	-3.06
--- Channel 231 94.1 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	67.0	-46.07
WXEZ	LI	231B	Yorktown	VA	91.94	111.4	137.0	-45.06
--- Channel 232 94.3 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	95.0	-74.07
WXEZ	LI	231B	Yorktown	VA	91.94	111.4	95.0	-3.06
--- Channel 233 94.5 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	137.0	-116.07
--- Channel 234 94.7 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	95.0	-74.07
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	46.0	-35.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	46.0	-24.69
--- Channel 235 94.9 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	67.0	-46.07
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	46.0	-35.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	46.0	-24.69
WJRV	LI	289A	Richmond	VA	0.00	0.0	7.0	-7.00
WPTE	LI	235B	Virginia Beach	VA	133.97	125.4	137.0	-3.03
--- Channel 236 95.1 MHz. ---								
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	70.0	-59.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	70.0	-48.69
WRVQ	LI	233B	Richmond	VA	20.93	126.1	67.0	-46.07
WJRV	LI	289A	Richmond	VA	0.00	0.0	7.0	-7.00
--- Channel 237 95.3 MHz. ---								

Call		Channel	Location		Dist	Azi	FCC	Margin
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	105.0	-94.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	105.0	-83.69
--- Channel 238 95.5 MHz. ---								
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	70.0	-59.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	70.0	-48.69
WFLOFM	LI	239B	Farmville	VA	80.48	255.2	95.0	-14.52
--- Channel 239 95.7 MHz. ---								
WFLOFM	LI	239B	Farmville	VA	80.48	255.2	137.0	-56.52
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	46.0	-35.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	46.0	-24.69
WVKL	LI	239B	Norfolk	VA	120.69	129.8	137.0	-16.31
--- Channel 240 95.9 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	67.0	-45.69
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	46.0	-35.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	46.0	-24.69
WFLOFM	LI	239B	Farmville	VA	80.48	255.2	95.0	-14.52
--- Channel 241 96.1 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	67.0	-45.69
WROXFM	LI	241B	Cape Charles	VA	135.28	101.5	137.0	-1.72
--- Channel 242 96.3 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	95.0	-73.69
--- Channel 243 96.5 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	137.0	-115.69
--- Channel 244 96.7 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	95.0	-73.69
--- Channel 245 96.9 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	67.0	-45.69
WWUZ	LI	245A	Bowling Green	VA	51.48	13.4	79.0	-27.52
--- Channel 246 97.1 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	67.0	-45.69
--- Channel 247 97.3 MHz. ---								
WGHFM	LI	247B	Newport News	VA	114.91	122.0	137.0	-22.09

Call	Channel	Location		Dist	Azi	FCC	Margin
--- Channel 248	97.5 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	67.0	-60.59
WWWV LI	248B	Charlottesville	VA	100.35	301.7	137.0	-36.65
--- Channel 249	97.7 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	67.0	-60.59
--- Channel 250	97.9 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	95.0	-88.59
--- Channel 251	98.1 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	137.0	-130.59
--- Channel 252	98.3 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	95.0	-88.59
--- Channel 253	98.5 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	67.0	-60.59
--- Channel 254	98.7 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	67.0	-60.59
WNORFM LI	254B	Norfolk	VA	133.36	124.2	137.0	-3.64
AP201 AP	201A	Ashland	VA	6.41	25.3	7.0	-0.59
--- Channel 255	98.9 MHz. ---						
AP201 AP	201A	Ashland	VA	6.41	25.3	7.0	-0.59
--- Channel 256	99.1 MHz. ---						
WPLZFM LI	257A	Petersburg	VA	33.26	159.6	50.0	-16.74
--- Channel 257	99.3 MHz. ---						
WPLZFM LI	257A	Petersburg	VA	33.26	159.6	79.0	-45.74
WYSKFM LI	257A	Spotsylvania	VA	71.55	346.9	79.0	-7.45
--- Channel 258	99.5 MHz. ---						
WPLZFM LI	257A	Petersburg	VA	33.26	159.6	50.0	-16.74
WCVEFM AP	205B	Richmond	VA	6.41	25.3	13.0	-6.59
WCVEFM LI	205B	Richmond	VA	6.41	25.3	13.0	-6.59
WYFJ LI	261A	Ashland	VA	25.73	2.4	31.0	-5.27
--- Channel 259	99.7 MHz. ---						

Call		Channel	Location		Dist	Azi	FCC	Margin
WCYKFM	LI	259B	Staunton	VA	129.55	298.6	137.0	-7.45
WCVEFM	AP	205B	Richmond	VA	6.41	25.3	13.0	-6.59
WCVEFM	LI	205B	Richmond	VA	6.41	25.3	13.0	-6.59
WYFJ	LI	261A	Ashland	VA	25.73	2.4	31.0	-5.27
WYFI	LI	259B	Norfolk	VA	135.11	124.1	137.0	-1.89
--- Channel 260			99.9 MHz. ---					
WYFJ	LI	261A	Ashland	VA	25.73	2.4	50.0	-24.27
--- Channel 261			100.1 MHz. ---					
WYFJ	LI	261A	Ashland	VA	25.73	2.4	79.0	-53.27
WSOJ	LI	262A	Petersburg	VA	38.95	165.9	50.0	-11.05
--- Channel 262			100.3 MHz. ---					
WSOJ	LI	262A	Petersburg	VA	38.95	165.9	79.0	-40.05
WYFJ	LI	261A	Ashland	VA	25.73	2.4	50.0	-24.27
AP263	AP	263A	Goochland	VA	39.32	304.9	50.0	-10.68
ALOPEN	AL	263A	Goochland	VA	39.74	299.4	50.0	-10.26
AP263	AP	263A	Goochland	VA	40.08	292.5	50.0	-9.92
AP263	AP	263A	Goochland	VA	40.62	310.1	50.0	-9.38
AP263	AP	263A	Goochland	VA	43.31	306.3	50.0	-6.69
AP263	AP	263A	Goochland	VA	43.58	298.2	50.0	-6.42
AP263	AP	263A	Goochland	VA	44.07	309.8	50.0	-5.93
AP263	AP	263A	Goochland	VA	44.11	289.4	50.0	-5.89
AP263	AP	263A	Goochland	VA	44.68	305.0	50.0	-5.32
--- Channel 263			100.5 MHz. ---					
AP263	AP	263A	Goochland	VA	39.32	304.9	79.0	-39.68
ALOPEN	AL	263A	Goochland	VA	39.74	299.4	79.0	-39.26
AP263	AP	263A	Goochland	VA	40.08	292.5	79.0	-38.92
AP263	AP	263A	Goochland	VA	40.62	310.1	79.0	-38.38
AP263	AP	263A	Goochland	VA	43.31	306.3	79.0	-35.69
AP263	AP	263A	Goochland	VA	43.58	298.2	79.0	-35.42
AP263	AP	263A	Goochland	VA	44.07	309.8	79.0	-34.93
AP263	AP	263A	Goochland	VA	44.11	289.4	79.0	-34.89
AP263	AP	263A	Goochland	VA	44.68	305.0	79.0	-34.32
AP263	AP	263A	Goochland	VA	52.44	309.9	79.0	-26.56
WDYL.A	AP	266A	Chester	VA	16.23	154.3	31.0	-14.77
ALOPEN	AL	266A	Chester	VA	16.23	154.3	31.0	-14.77
WSOJ	LI	262A	Petersburg	VA	38.95	165.9	50.0	-11.05
WYFJ	LI	261A	Ashland	VA	25.73	2.4	31.0	-5.27
--- Channel 264			100.7 MHz. ---					
WDYL.A	AP	266A	Chester	VA	16.23	154.3	31.0	-14.77
ALOPEN	AL	266A	Chester	VA	16.23	154.3	31.0	-14.77
AP263	AP	263A	Goochland	VA	39.32	304.9	50.0	-10.68
ALOPEN	AL	263A	Goochland	VA	39.74	299.4	50.0	-10.26
AP263	AP	263A	Goochland	VA	40.08	292.5	50.0	-9.92

Call		Channel	Location		Dist	Azi	FCC	Margin
AP263	AP	263A	Goochland	VA	40.62	310.1	50.0	-9.38
AP263	AP	263A	Goochland	VA	43.31	306.3	50.0	-6.69
AP263	AP	263A	Goochland	VA	43.58	298.2	50.0	-6.42
AP263	AP	263A	Goochland	VA	44.07	309.8	50.0	-5.93
AP263	AP	263A	Goochland	VA	44.11	289.4	50.0	-5.89
AP263	AP	263A	Goochland	VA	44.68	305.0	50.0	-5.32
WYFJ	LI	261A	Ashland	VA	25.73	2.4	31.0	-5.27
--- Channel 265 100.9 MHz. ---								
WDYL.A	AP	266A	Chester	VA	16.23	154.3	50.0	-33.77
ALOPEN	AL	266A	Chester	VA	16.23	154.3	50.0	-33.77
--- Channel 266 101.1 MHz. ---								
ALOPEN	AL	266A	Chester	VA	16.23	154.3	79.0	-62.77
WDYL.A	AP	266A	Chester	VA	16.23	154.3	79.0	-62.77
--- Channel 267 101.3 MHz. ---								
WDYL.A	AP	266A	Chester	VA	16.23	154.3	50.0	-33.77
ALOPEN	AL	266A	Chester	VA	16.23	154.3	50.0	-33.77
WBQB	LI	268B	Fredericksburg	VA	91.34	6.2	95.0	-3.66
WWDEFM	LI	267B	Hampton	VA	135.11	124.1	137.0	-1.89
--- Channel 268 101.5 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	67.0	-55.88
WBQB	LI	268B	Fredericksburg	VA	91.34	6.2	137.0	-45.66
ALOPEN	AL	266A	Chester	VA	16.23	154.3	31.0	-14.77
WDYL.A	AP	266A	Chester	VA	16.23	154.3	31.0	-14.77
--- Channel 269 101.7 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	67.0	-55.88
WDYL.A	AP	266A	Chester	VA	16.23	154.3	31.0	-14.77
ALOPEN	AL	266A	Chester	VA	16.23	154.3	31.0	-14.77
WBQB	LI	268B	Fredericksburg	VA	91.34	6.2	95.0	-3.66
--- Channel 270 101.9 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	95.0	-83.88
--- Channel 271 102.1 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	137.0	-125.88
--- Channel 272 102.3 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	95.0	-83.88
--- Channel 273 102.5 MHz. ---								

Call		Channel	Location		Dist	Azi	FCC	Margin
WRXL	LI	271B	Richmond	VA	11.12	356.5	67.0	-55.88
--- Channel 274 102.7 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	67.0	-55.88
ALOPEN	AL	274C1	Appomattox	VA	115.80	260.3	123.0	-7.20
WLDJ	LI	274B	Appomattox	VA	132.73	268.3	137.0	-4.27
--- Channel 275 102.9 MHz. ---								
WOWI	LI	275B	Norfolk	VA	130.50	129.9	137.0	-6.50
--- Channel 276 103.1 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	67.0	-60.85
--- Channel 277 103.3 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	67.0	-60.85
--- Channel 278 103.5 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	95.0	-88.85
--- Channel 279 103.7 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	137.0	-130.85
--- Channel 280 103.9 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	95.0	-88.85
--- Channel 281 104.1 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	67.0	-60.85
WKJS	LI	284C1	Crewe	VA	54.96	226.1	75.0	-20.04
WWZZ	LI	281B	Waldorf	MD	135.66	25.1	137.0	-1.34
WWZZ.C	CP	281B	Waldorf	MD	135.66	25.1	137.0	-1.34
WWZZ	LI	281B	Waldorf	MD	135.66	25.1	137.0	-1.34
--- Channel 282 104.3 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	67.0	-60.85
WKJS	LI	284C1	Crewe	VA	54.96	226.1	75.0	-20.04
--- Channel 283 104.5 MHz. ---								
WKJS	LI	284C1	Crewe	VA	54.96	226.1	94.0	-39.04
WNVZ	LI	283B	Norfolk	VA	118.75	116.1	137.0	-18.25
--- Channel 284 104.7 MHz. ---								
WKJS	LI	284C1	Crewe	VA	54.96	226.1	123.0	-68.04

Call		Channel	Location		Dist	Azi	FCC	Margin
--- Channel 285 104.9 MHz. ---								
WKJS	LI	284C1	Crewe	VA	54.96	226.1	94.0	-39.04
--- Channel 286 105.1 MHz. ---								
WJRV	LI	289A	Richmond	VA	0.00	0.0	31.0	-31.00
WKJS	LI	284C1	Crewe	VA	54.96	226.1	75.0	-20.04
--- Channel 287 105.3 MHz. ---								
WJRV	LI	289A	Richmond	VA	0.00	0.0	31.0	-31.00
WKJS	LI	284C1	Crewe	VA	54.96	226.1	75.0	-20.04
WJCD	LI	287B	Norfolk	VA	121.16	129.9	137.0	-15.84
--- Channel 288 105.5 MHz. ---								
WJRV	LI	289A	Richmond	VA	0.00	0.0	50.0	-50.00
WLSA	LI	288A	Louisa	VA	72.50	322.0	79.0	-6.50
--- Channel 289 105.7 MHz. ---								
WJRV	LI	289A	Richmond	VA	0.00	0.0	79.0	-79.00
--- Channel 290 105.9 MHz. ---								
WRCL	LI	293B	Richmond	VA	16.87	266.1	67.0	-50.13
WJRV	LI	289A	Richmond	VA	0.00	0.0	50.0	-50.00
--- Channel 291 106.1 MHz. ---								
WRCL	LI	293B	Richmond	VA	16.87	266.1	67.0	-50.13
WJRV	LI	289A	Richmond	VA	0.00	0.0	31.0	-31.00
--- Channel 292 106.3 MHz. ---								
WRCL	LI	293B	Richmond	VA	16.87	266.1	95.0	-78.13
WJRV	LI	289A	Richmond	VA	0.00	0.0	31.0	-31.00
--- Channel 293 106.5 MHz. ---								
WRCL	LI	293B	Richmond	VA	16.87	266.1	137.0	-120.13
--- Channel 294 106.7 MHz. ---								
WRCL	LI	293B	Richmond	VA	16.87	266.1	95.0	-78.13
WXNC.C	CPM	297A	Powhatan	VA	17.38	266.3	31.0	-13.62
ALOPEN	AL	297A	Powhatan	NC	17.38	266.3	31.0	-13.62
WAFX	LI	295C	Suffolk	VA	103.36	139.6	113.0	-9.64
--- Channel 295 106.9 MHz. ---								
WRCL	LI	293B	Richmond	VA	16.87	266.1	67.0	-50.13

Call	Channel	Location		Dist	Azi	FCC	Margin
WAFX	LI 295C	Suffolk	VA	103.36	139.6	143.0	-39.64
ALOPEN	AL 297A	Powhatan	NC	17.38	266.3	31.0	-13.62
WXNC.C	CPM 297A	Powhatan	VA	17.38	266.3	31.0	-13.62
--- Channel 296	107.1 MHz. ---						
WRCL	LI 293B	Richmond	VA	16.87	266.1	67.0	-50.13
ALOPEN	AL 297A	Powhatan	NC	17.38	266.3	50.0	-32.62
WXNC.C	CPM 297A	Powhatan	VA	17.38	266.3	50.0	-32.62
WAFX	LI 295C	Suffolk	VA	103.36	139.6	113.0	-9.64
--- Channel 297	107.3 MHz. ---						
ALOPEN	AL 297A	Powhatan	NC	17.38	266.3	79.0	-61.62
WXNC.C	CPM 297A	Powhatan	VA	17.38	266.3	79.0	-61.62
--- Channel 298	107.5 MHz. ---						
WXNC.C	CPM 297A	Powhatan	VA	17.38	266.3	50.0	-32.62
ALOPEN	AL 297A	Powhatan	NC	17.38	266.3	50.0	-32.62
--- Channel 299	107.7 MHz. ---						
WXNC.C	CPM 297A	Powhatan	VA	17.38	266.3	31.0	-13.62
ALOPEN	AL 297A	Powhatan	NC	17.38	266.3	31.0	-13.62
--- Channel 300	107.9 MHz. ---						
WPTG	LI 300A	West Point	VA	61.83	96.4	79.0	-17.17
WXNC.C	CPM 297A	Powhatan	VA	17.38	266.3	31.0	-13.62
ALOPEN	AL 297A	Powhatan	NC	17.38	266.3	31.0	-13.62

RICHMOND, VIRGINIA

LP100

Graham Brock Inc. - Broadcast Technical Consultants
St. Simons Island GA - Washington DC

Low Power FM Preclusion Study
Using WJRV site as reference

REFERENCE
37 30 52 N
77 30 28 W

Class L2 Preclusions
Current LPCM Spacings

DISPLAY DATES
DATA 05-14-99
SEARCH 05-17-99

Call		Channel	Location		Dist	Azi	FCC	Margin
--- Channel 221 92.1 MHz. ---								
WCDX	LI	221B1	Mechanicsville	VA	11.12	356.5	67.0	-55.88
WCDX.A	AP	221B1	Mechanicsville	VA	16.76	40.7	67.0	-50.24
WDYL	LI	221A	Chester	VA	16.23	154.3	47.0	-30.77
--- Channel 222 92.3 MHz. ---								
WCDX	LI	221B1	Mechanicsville	VA	11.12	356.5	54.0	-42.88
WCDX.A	AP	221B1	Mechanicsville	VA	16.76	40.7	54.0	-37.24
WDYL	LI	221A	Chester	VA	16.23	154.3	36.0	-19.77
--- Channel 223 92.5 MHz. ---								
WCDX	LI	221B1	Mechanicsville	VA	11.12	356.5	46.0	-34.88
WCDX.A	AP	221B1	Mechanicsville	VA	16.76	40.7	46.0	-29.24
WDYL	LI	221A	Chester	VA	16.23	154.3	29.0	-12.77
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	29.0	-4.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	29.0	-2.93
AP226	AP	226A	Ettrick	VA	27.19	192.8	29.0	-1.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	29.0	-1.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	29.0	-1.26
--- Channel 224 92.7 MHz. ---								
WCDX	LI	221B1	Mechanicsville	VA	11.12	356.5	46.0	-34.88
WCDX.A	AP	221B1	Mechanicsville	VA	16.76	40.7	46.0	-29.24
WDYL	LI	221A	Chester	VA	16.23	154.3	29.0	-12.77
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	29.0	-4.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	29.0	-2.93
AP226	AP	226A	Ettrick	VA	27.19	192.8	29.0	-1.81
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	29.0	-1.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	29.0	-1.26
--- Channel 225 92.9 MHz. ---								
ALOPEN	AL	226A	Ettrick	VA	24.28	188.4	36.0	-11.72
AP226	AP	226A	Ettrick	VA	26.07	193.6	36.0	-9.93

Call	Channel	Location		Dist	Azi	FCC	Margin
AP226	AP 226A	Ettrick	VA	27.19	192.8	36.0	-8.81
AP226	AP 226A	Ettrick	VA	27.35	190.9	36.0	-8.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	36.0	-8.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	36.0	-8.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	36.0	-8.65
AP226	AP 226A	Ettrick	VA	27.63	193.8	36.0	-8.37
AP226	AP 226A	Ettrick	VA	27.74	191.7	36.0	-8.26
WMXB	LI 279B	Richmond	VA	6.15	263.9	12.0	-5.85

--- Channel 226 93.1 MHz. ---

ALOPEN	AL 226A	Ettrick	VA	24.28	188.4	47.0	-22.72
AP226	AP 226A	Ettrick	VA	26.07	193.6	47.0	-20.93
AP226	AP 226A	Ettrick	VA	27.19	192.8	47.0	-19.81
AP226	AP 226A	Ettrick	VA	27.35	190.9	47.0	-19.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	47.0	-19.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	47.0	-19.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	47.0	-19.65
AP226	AP 226A	Ettrick	VA	27.63	193.8	47.0	-19.37
AP226	AP 226A	Ettrick	VA	27.74	191.7	47.0	-19.26
WMXB	LI 279B	Richmond	VA	6.15	263.9	12.0	-5.85

--- Channel 227 93.3 MHz. ---

ALOPEN	AL 226A	Ettrick	VA	24.28	188.4	36.0	-11.72
AP226	AP 226A	Ettrick	VA	26.07	193.6	36.0	-9.93
AP226	AP 226A	Ettrick	VA	27.19	192.8	36.0	-8.81
AP226	AP 226A	Ettrick	VA	27.35	190.9	36.0	-8.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	36.0	-8.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	36.0	-8.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	36.0	-8.65
AP226	AP 226A	Ettrick	VA	27.63	193.8	36.0	-8.37
AP226	AP 226A	Ettrick	VA	27.74	191.7	36.0	-8.26
WFLSFM	LI 227B	Fredericksburg	VA	88.82	3.9	92.0	-3.18

--- Channel 228 93.5 MHz. ---

ALOPEN	AL 226A	Ettrick	VA	24.28	188.4	29.0	-4.72
AP226	AP 226A	Ettrick	VA	26.07	193.6	29.0	-2.93
AP226	AP 226A	Ettrick	VA	27.19	192.8	29.0	-1.81
AP226	AP 226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP 226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP 226A	Ettrick	VA	27.63	193.8	29.0	-1.37
AP226	AP 226A	Ettrick	VA	27.74	191.7	29.0	-1.26

--- Channel 229 93.7 MHz. ---

ALOPEN	AL 226A	Ettrick	VA	24.28	188.4	29.0	-4.72
AP226	AP 226A	Ettrick	VA	26.07	193.6	29.0	-2.93
AP226	AP 226A	Ettrick	VA	27.19	192.8	29.0	-1.81
AP226	AP 226A	Ettrick	VA	27.35	190.9	29.0	-1.65

Call	Channel		Location		Dist	Azi	FCC	Margin
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.35	190.9	29.0	-1.65
AP226	AP	226A	Ettrick	VA	27.63	193.8	29.0	-1.37
AP226	AP	226A	Ettrick	VA	27.74	191.7	29.0	-1.26
--- Channel 230 93.9 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	67.0	-46.07
--- Channel 231 94.1 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	67.0	-46.07
WXEZ	LI	231B	Yorktown	VA	91.94	111.4	92.0	-0.06
--- Channel 232 94.3 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	77.0	-56.07
--- Channel 233 94.5 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	92.0	-71.07
--- Channel 234 94.7 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	77.0	-56.07
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	46.0	-35.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	46.0	-24.69
--- Channel 235 94.9 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	67.0	-46.07
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	46.0	-35.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	46.0	-24.69
WJRV	LI	289A	Richmond	VA	0.00	0.0	7.0	-7.00
--- Channel 236 95.1 MHz. ---								
WRVQ	LI	233B	Richmond	VA	20.93	126.1	67.0	-46.07
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	54.0	-43.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	54.0	-32.69
WJRV	LI	289A	Richmond	VA	0.00	0.0	7.0	-7.00
--- Channel 237 95.3 MHz. ---								
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	67.0	-56.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	67.0	-45.69
--- Channel 238 95.5 MHz. ---								
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	54.0	-43.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	54.0	-32.69

Call		Channel	Location		Dist	Azi	FCC	Margin
--- Channel 239 95.7 MHz. ---								
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	46.0	-35.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	46.0	-24.69
WFLOFM	LI	239B	Farmville	VA	80.48	255.2	92.0	-11.52
--- Channel 240 95.9 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	67.0	-45.69
WKHK.C	CP	237B1	Colonial Heights	VA	10.68	141.5	46.0	-35.32
WKHK	LI	237B1	Colonial Heights	VA	21.31	155.7	46.0	-24.69
--- Channel 241 96.1 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	67.0	-45.69
--- Channel 242 96.3 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	77.0	-55.69
--- Channel 243 96.5 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	92.0	-70.69
--- Channel 244 96.7 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	77.0	-55.69
--- Channel 245 96.9 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	67.0	-45.69
--- Channel 246 97.1 MHz. ---								
WKLR	LI	243B	Fort Lee	VA	21.31	155.7	67.0	-45.69
--- Channel 247 97.3 MHz. ---								
--- Channel 248 97.5 MHz. ---								
WTVRFM	LI	251B	Richmond	VA	6.41	25.3	67.0	-60.59
--- Channel 249 97.7 MHz. ---								
WTVRFM	LI	251B	Richmond	VA	6.41	25.3	67.0	-60.59
--- Channel 250 97.9 MHz. ---								
WTVRFM	LI	251B	Richmond	VA	6.41	25.3	77.0	-70.59
--- Channel 251 98.1 MHz. ---								

Call	Channel	Location		Dist	Azi	FCC	Margin
WTVRFM LI	251B	Richmond	VA	6.41	25.3	92.0	-85.59
--- Channel 252	98.3 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	77.0	-70.59
--- Channel 253	98.5 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	67.0	-60.59
--- Channel 254	98.7 MHz. ---						
WTVRFM LI	251B	Richmond	VA	6.41	25.3	67.0	-60.59
AP201 AP	201A	Ashland	VA	6.41	25.3	7.0	-0.59
--- Channel 255	98.9 MHz. ---						
AP201 AP	201A	Ashland	VA	6.41	25.3	7.0	-0.59
--- Channel 256	99.1 MHz. ---						
WPLZFM LI	257A	Petersburg	VA	33.26	159.6	36.0	-2.74
--- Channel 257	99.3 MHz. ---						
WPLZFM LI	257A	Petersburg	VA	33.26	159.6	47.0	-13.74
--- Channel 258	99.5 MHz. ---						
WCVEFM LI	205B	Richmond	VA	6.41	25.3	12.0	-5.59
WCVEFM AP	205B	Richmond	VA	6.41	25.3	12.0	-5.59
WYFJ LI	261A	Ashland	VA	25.73	2.4	29.0	-3.27
WPLZFM LI	257A	Petersburg	VA	33.26	159.6	36.0	-2.74
--- Channel 259	99.7 MHz. ---						
WCVEFM LI	205B	Richmond	VA	6.41	25.3	12.0	-5.59
WCVEFM AP	205B	Richmond	VA	6.41	25.3	12.0	-5.59
WYFJ LI	261A	Ashland	VA	25.73	2.4	29.0	-3.27
--- Channel 260	99.9 MHz. ---						
WYFJ LI	261A	Ashland	VA	25.73	2.4	36.0	-10.27
--- Channel 261	100.1 MHz. ---						
WYFJ LI	261A	Ashland	VA	25.73	2.4	47.0	-21.27
--- Channel 262	100.3 MHz. ---						
WYFJ LI	261A	Ashland	VA	25.73	2.4	36.0	-10.27
WSOJ LI	262A	Petersburg	VA	38.95	165.9	47.0	-8.05

Call		Channel	Location		Dist	Azi	FCC	Margin
--- Channel 263 100.5 MHz. ---								
ALOPEN	AL	266A	Chester	VA	16.23	154.3	29.0	-12.77
WDYL.A	AP	266A	Chester	VA	16.23	154.3	29.0	-12.77
AP263	AP	263A	Goochland	VA	39.32	304.9	47.0	-7.68
ALOPEN	AL	263A	Goochland	VA	39.74	299.4	47.0	-7.26
AP263	AP	263A	Goochland	VA	40.08	292.5	47.0	-6.92
AP263	AP	263A	Goochland	VA	40.62	310.1	47.0	-6.38
AP263	AP	263A	Goochland	VA	43.31	306.3	47.0	-3.69
AP263	AP	263A	Goochland	VA	43.58	298.2	47.0	-3.42
WYFJ	LI	261A	Ashland	VA	25.73	2.4	29.0	-3.27
AP263	AP	263A	Goochland	VA	44.07	309.8	47.0	-2.93
AP263	AP	263A	Goochland	VA	44.11	289.4	47.0	-2.89
AP263	AP	263A	Goochland	VA	44.68	305.0	47.0	-2.32
--- Channel 264 100.7 MHz. ---								
ALOPEN	AL	266A	Chester	VA	16.23	154.3	29.0	-12.77
WDYL.A	AP	266A	Chester	VA	16.23	154.3	29.0	-12.77
WYFJ	LI	261A	Ashland	VA	25.73	2.4	29.0	-3.27
--- Channel 265 100.9 MHz. ---								
WDYL.A	AP	266A	Chester	VA	16.23	154.3	36.0	-19.77
ALOPEN	AL	266A	Chester	VA	16.23	154.3	36.0	-19.77
--- Channel 266 101.1 MHz. ---								
ALOPEN	AL	266A	Chester	VA	16.23	154.3	47.0	-30.77
WDYL.A	AP	266A	Chester	VA	16.23	154.3	47.0	-30.77
--- Channel 267 101.3 MHz. ---								
WDYL.A	AP	266A	Chester	VA	16.23	154.3	36.0	-19.77
ALOPEN	AL	266A	Chester	VA	16.23	154.3	36.0	-19.77
--- Channel 268 101.5 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	67.0	-55.88
ALOPEN	AL	266A	Chester	VA	16.23	154.3	29.0	-12.77
WDYL.A	AP	266A	Chester	VA	16.23	154.3	29.0	-12.77
WBQB	LI	268B	Fredericksburg	VA	91.34	6.2	92.0	-0.66
--- Channel 269 101.7 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	67.0	-55.88
ALOPEN	AL	266A	Chester	VA	16.23	154.3	29.0	-12.77
WDYL.A	AP	266A	Chester	VA	16.23	154.3	29.0	-12.77
--- Channel 270 101.9 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	77.0	-65.88

Call		Channel	Location		Dist	Azi	FCC	Margin
--- Channel 271 102.1 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	92.0	-80.88
--- Channel 272 102.3 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	77.0	-65.88
--- Channel 273 102.5 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	67.0	-55.88
--- Channel 274 102.7 MHz. ---								
WRXL	LI	271B	Richmond	VA	11.12	356.5	67.0	-55.88
--- Channel 275 102.9 MHz. ---								
--- Channel 276 103.1 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	67.0	-60.85
--- Channel 277 103.3 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	67.0	-60.85
--- Channel 278 103.5 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	77.0	-70.85
--- Channel 279 103.7 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	92.0	-85.85
--- Channel 280 103.9 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	77.0	-70.85
--- Channel 281 104.1 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	67.0	-60.85
WKJS	LI	284C1	Crewe	VA	54.96	226.1	73.0	-18.04
--- Channel 282 104.3 MHz. ---								
WMXB	LI	279B	Richmond	VA	6.15	263.9	67.0	-60.85
WKJS	LI	284C1	Crewe	VA	54.96	226.1	73.0	-18.04
--- Channel 283 104.5 MHz. ---								
WKJS	LI	284C1	Crewe	VA	54.96	226.1	80.0	-25.04

Call	Channel	Location		Dist	Azi	FCC	Margin
--- Channel 284 104.7 MHz. ---							
WKJS	LI 284C1	Crewe	VA	54.96	226.1	91.0	-36.04
--- Channel 285 104.9 MHz. ---							
WKJS	LI 284C1	Crewe	VA	54.96	226.1	80.0	-25.04
--- Channel 286 105.1 MHz. ---							
WJRV	LI 289A	Richmond	VA	0.00	0.0	29.0	-29.00
WKJS	LI 284C1	Crewe	VA	54.96	226.1	73.0	-18.04
--- Channel 287 105.3 MHz. ---							
WJRV	LI 289A	Richmond	VA	0.00	0.0	29.0	-29.00
WKJS	LI 284C1	Crewe	VA	54.96	226.1	73.0	-18.04
--- Channel 288 105.5 MHz. ---							
WJRV	LI 289A	Richmond	VA	0.00	0.0	36.0	-36.00
--- Channel 289 105.7 MHz. ---							
WJRV	LI 289A	Richmond	VA	0.00	0.0	47.0	-47.00
--- Channel 290 105.9 MHz. ---							
WRCL	LI 293B	Richmond	VA	16.87	266.1	67.0	-50.13
WJRV	LI 289A	Richmond	VA	0.00	0.0	36.0	-36.00
--- Channel 291 106.1 MHz. ---							
WRCL	LI 293B	Richmond	VA	16.87	266.1	67.0	-50.13
WJRV	LI 289A	Richmond	VA	0.00	0.0	29.0	-29.00
--- Channel 292 106.3 MHz. ---							
WRCL	LI 293B	Richmond	VA	16.87	266.1	77.0	-60.13
WJRV	LI 289A	Richmond	VA	0.00	0.0	29.0	-29.00
--- Channel 293 106.5 MHz. ---							
WRCL	LI 293B	Richmond	VA	16.87	266.1	92.0	-75.13
--- Channel 294 106.7 MHz. ---							
WRCL	LI 293B	Richmond	VA	16.87	266.1	77.0	-60.13
ALOPEN	AL 297A	Powhatan	NC	17.38	266.3	29.0	-11.62
WXNC.C	CPM 297A	Powhatan	VA	17.38	266.3	29.0	-11.62
--- Channel 295 106.9 MHz. ---							

Call	Channel	Location		Dist	Azi	FCC	Margin
WRCL LI	293B	Richmond	VA	16.87	266.1	67.0	-50.13
ALOPEN AL	297A	Powhatan	NC	17.38	266.3	29.0	-11.62
WXNC.C CPM	297A	Powhatan	VA	17.38	266.3	29.0	-11.62
WAFX LI	295C	Suffolk	VA	103.36	139.6	110.0	-6.64
--- Channel 296	107.1 MHz. ---						
WRCL LI	293B	Richmond	VA	16.87	266.1	67.0	-50.13
ALOPEN AL	297A	Powhatan	NC	17.38	266.3	36.0	-18.62
WXNC.C CPM	297A	Powhatan	VA	17.38	266.3	36.0	-18.62
--- Channel 297	107.3 MHz. ---						
WXNC.C CPM	297A	Powhatan	VA	17.38	266.3	47.0	-29.62
ALOPEN AL	297A	Powhatan	NC	17.38	266.3	47.0	-29.62
--- Channel 298	107.5 MHz. ---						
ALOPEN AL	297A	Powhatan	NC	17.38	266.3	36.0	-18.62
WXNC.C CPM	297A	Powhatan	VA	17.38	266.3	36.0	-18.62
--- Channel 299	107.7 MHz. ---						
WXNC.C CPM	297A	Powhatan	VA	17.38	266.3	29.0	-11.62
ALOPEN AL	297A	Powhatan	NC	17.38	266.3	29.0	-11.62
--- Channel 300	107.9 MHz. ---						
WXNC.C CPM	297A	Powhatan	VA	17.38	266.3	29.0	-11.62
ALOPEN AL	297A	Powhatan	NC	17.38	266.3	29.0	-11.62