

MINOR CHANGE APPLICATION
CUMULUS LICENSING CORP.
WWSG (FM) RADIO STATION
CH 271A - 102.1 MHZ - 6.0 KW(DA)
SYLVESTER, GEORGIA
May 2001

EXHIBIT A

As denoted on Exhibit A1, Channel 271A, at the authorized/proposed site for WWSG, does not meet §73.207 spacing requirements toward the licensed facilities of WSLE, Channel 272A, Cairo, Georgia, and the simultaneously filed contingent application proposing the relocation of site for WSLE. Cumulus Licensing Corp. proposes to use the provisions of §73.215 of the Commission's rules to address this shortspaced situation. The shortage to this facility complies with §73.215(e) of the Commission's rules. The provisions of §73.215 will be met by specifying less than maximum Class A facilities for WWSG and utilizing a directional FM antenna.

Exhibit A2 specifically demonstrates there will be no prohibited overlap between the proposed WWSG and the proposed WSLE Class C2 facilities.³ The contours of WSLE are based on its proposed Class C2 facilities at 9.0 kilowatts effective radiated power at a height above average terrain (HAAT) of 348.6 meters.⁴ Attached as Exhibits A3 and A4 are the tabulated distances to the protected and interfering contours, along pertinent arcs, of the proposed WWSG and the proposed WSLE. Further, attached as Exhibit A5 are the tabulated and protected contours of the proposed facility, in ten degree increments. Again, there is no prohibited overlap between the facilities.

3) The licensed contours of WSLE are markedly inferior to the proposed WSLE C2 facilities. The licensed WSLE Class A facilities are authorized to operate with 3.0 kilowatts at 91 meters HAAT. The antenna center of radiation of the Class A was raised 9 meters (to bring the HAAT to 100 meters) and the power raised to 6.0 kilowatts for the §73.215 analysis.

4) The proposed WSLE facility requests processing under §73.215.

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EXHIBIT A1

**CLEARANCE STUDY FOR WWSG SYLVESTER, GEORGIA
USING PROPOSED/EXISTING SITE AS REFERENCE**

REFERENCE		DISPLAY DATES
31 31 40 N	CLASS A	DATA 01-05-01
83 50 22 W	Current rules spacings	SEARCH 01-11-01
----- CHANNEL 271 -102.1 MHz -----		

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)

WWSG.A	271A	Sylvester	GA	0.0	0.00	115.0	-115.00
AP C	31 31 40	83 50 22	6.000 kW	79M	0.0	71.5	
		Thomas W. Lawhorne, Sr.					
WWSG.C	271A	Sylvester	GA	288.5	0.19	115.0	-114.81
CP CN	31 31 42	83 50 29	6.000 kW	84M	0.1	71.5	
		Thomas W. Lawhorne, Sr.		BMPH-19920810IO			
WWSG	271A	Sylvester	GA	22.9	9.73	115.0	-105.27
LIC C	31 36 31	83 47 58	6.000 kW	100M	6.1	71.5	
		Thomas W. Lawhorne, Sr.		BLH-20000817AAZ			
<i>*</i>	<i>WSLE.A</i>	<i>272C2 Cairo</i>	<i>GA</i>	<i>187.4</i>	<i>96.07</i>	<i>106.0</i>	<i>-9.93</i>
	<i>AP C</i>	<i>30 40 06</i>	<i>83 58 06</i>	<i>9.000 kW</i>	<i>349M</i>	<i>59.7</i>	<i>65.9</i>
		<i>Cumulus Licensing Corp.</i>					
<i>*</i>	<i>WSLE</i>	<i>272A Cairo</i>	<i>GA</i>	<i>203.6</i>	<i>70.29</i>	<i>72.0</i>	<i>-1.71</i>
	<i>LIC CN</i>	<i>30 56 49</i>	<i>84 08 07</i>	<i>3.000 kW</i>	<i>91M</i>	<i>43.7</i>	<i>44.8</i>
		<i>Lovett Communications, Inc.</i>		<i>BLH-19840820CC</i>			
	<i>AVAC</i>	<i>270C3 Pearson</i>	<i>GA</i>	<i>109.7</i>	<i>88.65</i>	<i>89.0</i>	<i>-0.35</i>
	<i>VAC N</i>	<i>31 15 25</i>	<i>82 57 45</i>	<i>0.000 kW</i>	<i>0M</i>	<i>55.1</i>	<i>55.3</i>
		<i>Atkinson Broadcasting, Inc.</i>					
	<i>WSLE.C</i>	<i>272C2 Cairo</i>	<i>GA</i>	<i>190.9</i>	<i>106.30</i>	<i>106.0</i>	<i>0.30</i>
	<i>CP CX</i>	<i>30 35 11</i>	<i>84 03 03</i>	<i>50.000 kW</i>	<i>150M</i>	<i>66.1</i>	<i>65.9</i>
		<i>Lovett Communications, Inc.</i>		<i>BPH-20000118ADW</i>			
	<i>WNUQ</i>	<i>269A Albany</i>	<i>GA</i>	<i>289.3</i>	<i>31.51</i>	<i>31.0</i>	<i>0.51</i>
	<i>LIC CN</i>	<i>31 37 15</i>	<i>84 09 11</i>	<i>3.000 kW</i>	<i>91M</i>	<i>19.6</i>	<i>19.3</i>
		<i>Cumulus Licensing Corp.</i>		<i>BLH-5679</i>			
	<i>WPNG.C</i>	<i>270C3 Pearson</i>	<i>GA</i>	<i>103.3</i>	<i>95.29</i>	<i>89.0</i>	<i>6.29</i>
	<i>CP C</i>	<i>31 19 36</i>	<i>82 51 54</i>	<i>12.900 kW</i>	<i>140M</i>	<i>59.2</i>	<i>55.3</i>
		<i>Km Radio Of Pearson, L.L.C.</i>		<i>BPH-19991025ACC</i>			
	<i>AVAC</i>	<i>272A Jacksonville</i>	<i>GA</i>	<i>61.5</i>	<i>79.08</i>	<i>72.0</i>	<i>7.08</i>
	<i>VAC</i>	<i>31 51 54</i>	<i>83 06 16</i>	<i>0.000 kW</i>	<i>0M</i>	<i>49.2</i>	<i>44.8</i>
				<i>RM-9855</i>			
	<i>WZAT</i>	<i>271C Savannah</i>	<i>GA</i>	<i>75.3</i>	<i>244.02</i>	<i>226.0</i>	<i>18.02</i>
	<i>LIC CY</i>	<i>32 03 30</i>	<i>81 20 20</i>	<i>100.000 kW</i>	<i>403M</i>	<i>151.7</i>	<i>140.5</i>
		<i>Cumulus Licensing Corp.</i>		<i>BLH-19870331KN</i>			

** Note : The shortage for WSLE is addressed under §73.215 of the rules.*

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May 2001

EXHIBIT A3

WWSG - PROPOSED
Channel= 271
Max ERP = 6 kW
RCAMSL = 187.8 M
N. Lat = 313140
W. Lng = 835022

WSLE - PROPOSED
Channel = 272
Max ERP = 9 kW
RCAMSL = 398.3 M
N. Lat = 304006
W. Lng = 835806

Page 1 of 2

Protected
60 dBu

Interfering
54 dBu

3 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
156.0	3.110	87.6	22.9	16.2	9.000	342.0	77.4	53.7
157.0	3.025	87.3	22.7	15.9	9.000	341.9	77.3	53.7
158.0	2.940	86.0	22.4	15.5	9.000	341.7	77.3	53.7
159.0	2.857	84.5	22.1	15.1	9.000	341.4	77.4	53.7
160.0	2.774	83.1	21.7	14.8	9.000	341.2	77.4	53.7
161.0	2.701	82.2	21.5	14.4	9.000	340.9	77.4	53.7
162.0	2.629	82.1	21.3	14.1	9.000	340.8	77.3	53.7
163.0	2.558	82.2	21.2	13.9	9.000	340.7	77.3	53.7
164.0	2.488	82.3	21.1	13.6	9.000	340.6	77.2	53.7
165.0	2.419	82.4	20.9	13.3	9.000	340.5	77.1	53.8
166.0	2.351	82.6	20.8	13.0	9.000	340.6	77.1	53.8
167.0	2.284	82.5	20.7	12.7	9.000	340.6	77.0	53.8
168.0	2.218	81.2	20.4	12.4	9.000	341.1	77.2	53.8
169.0	2.153	80.8	20.2	12.1	9.000	341.3	77.2	53.7
170.0	2.089	80.8	20.0	11.8	9.000	341.4	77.2	53.7
171.0	2.060	80.7	19.9	11.5	9.000	341.5	77.2	53.8
172.0	2.032	81.1	19.9	11.3	9.000	341.6	77.1	53.8
173.0	2.005	81.8	19.9	11.0	9.000	341.5	76.9	53.9
174.0	1.977	82.2	19.9	10.8	9.000	341.4	76.8	53.9
175.0	1.949	82.5	19.9	10.5	9.000	341.2	76.8	53.9
176.0	1.922	82.3	19.8	10.3	9.000	341.0	76.8	53.9
177.0	1.895	82.3	19.7	10.0	9.000	340.8	76.8	53.9
178.0	1.868	81.9	19.6	9.7	9.000	340.6	76.8	53.9
179.0	1.841	81.1	19.4	9.5	9.000	340.5	76.9	53.8
180.0	1.815	80.8	19.3	9.2	9.000	340.3	76.9	53.8
181.0	1.815	81.1	19.4	9.0	9.000	340.1	76.9	53.8
182.0	1.815	81.5	19.4	8.7	9.000	340.0	76.8	53.9
183.0	1.815	82.0	19.5	8.5	9.000	339.9	76.7	53.9
184.0	1.815	82.2	19.5	8.2	9.000	339.9	76.6	53.9
185.0	1.815	81.4	19.4	8.0	9.000	340.0	76.7	53.9
186.0	1.815	79.0	19.1	7.7	9.000	340.1	77.0	53.8
187.0	1.815	77.0	18.8	7.4	9.000	340.2	77.2	53.7
188.0	1.815	75.9	18.7	7.2	9.000	340.2	77.4	53.7
189.0	1.815	75.5	18.6	7.0	9.000	340.3	77.4	53.6
190.0	1.815	75.3	18.6	6.7	9.000	340.4	77.5	53.6
191.0	1.841	74.5	18.6	6.5	9.000	340.4	77.5	53.6
192.0	1.868	73.8	18.6	6.3	9.000	340.4	77.6	53.6
193.0	1.895	74.0	18.7	6.0	9.000	340.4	77.5	53.6
194.0	1.922	74.8	18.8	5.7	9.000	340.3	77.4	53.6
195.0	1.949	74.5	18.9	5.5	9.000	340.2	77.4	53.6

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EXHIBIT A3 (continued)

WWSG - PROPOSED
Channel= 271
Max ERP = 6 kW
RCAMSL = 187.8 M
N. Lat = 313140
W. Lng = 835022

WSLE - PROPOSED
Channel = 272
Max ERP = 9 kW
RCAMSL = 398.3 M
N. Lat = 304006
W. Lng = 835806

Page 2 of 2

Protected
60 dBu

Interfering
54 dBu

3 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
196.0	1.977	72.5	18.7	5.3	9.000	340.0	77.7	53.5
197.0	2.005	72.2	18.7	5.0	9.000	339.8	77.7	53.5
198.0	2.032	73.3	18.9	4.8	9.000	339.7	77.6	53.6
199.0	2.060	74.7	19.2	4.5	9.000	339.6	77.4	53.6
200.0	2.089	75.3	19.3	4.2	9.000	339.5	77.3	53.6
201.0	2.153	75.3	19.5	4.0	9.000	339.5	77.3	53.7
202.0	2.218	75.4	19.6	3.7	9.000	339.5	77.3	53.7
203.0	2.284	75.4	19.8	3.4	9.000	339.5	77.2	53.7
204.0	2.351	75.4	19.9	3.1	9.000	339.6	77.2	53.7
205.0	2.419	75.5	20.1	2.8	9.000	339.7	77.2	53.7
206.0	2.488	75.6	20.2	2.6	9.000	339.7	77.2	53.7
207.0	2.558	75.1	20.3	2.3	9.000	339.9	77.3	53.7
208.0	2.629	74.4	20.3	2.0	9.000	339.9	77.4	53.6
209.0	2.701	74.0	20.4	1.8	9.000	339.9	77.5	53.6
210.0	2.774	73.8	20.5	1.5	9.000	339.9	77.6	53.6
211.0	2.857	73.7	20.6	1.2	9.000	340.0	77.6	53.6
212.0	2.940	73.7	20.8	1.0	9.000	340.0	77.7	53.5
213.0	3.025	73.4	20.9	0.7	9.000	340.0	77.8	53.5
214.0	3.110	72.9	21.0	0.4	9.000	340.1	77.9	53.5
215.0	3.197	71.8	20.9	0.2	9.000	340.2	78.1	53.4
216.0	3.286	71.1	21.0	360.0	9.000	340.2	78.3	53.3
217.0	3.375	70.2	21.0	359.8	9.000	340.2	78.5	53.3
218.0	3.466	69.2	21.0	359.6	9.000	340.3	78.7	53.2
219.0	3.557	68.5	21.0	359.3	9.000	340.2	78.9	53.1
220.0	3.650	68.1	21.1	359.1	9.000	340.2	79.1	53.1
221.0	3.735	67.9	21.2	358.8	9.000	340.2	79.3	53.0
222.0	3.821	67.7	21.3	358.6	9.000	340.2	79.5	52.9
223.0	3.907	67.7	21.4	358.4	9.000	340.2	79.7	52.9
224.0	3.995	67.8	21.5	358.1	9.000	340.2	79.8	52.8
225.0	4.084	68.1	21.7	357.8	9.000	340.2	80.0	52.8

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EXHIBIT A4

WSLE - PROPOSED
Channel= 272
Max ERP = 9 kW
RCAMSL = 398.3 M
N. Lat = 304006
W. Lng = 835806

WWSG - PROPOSED
Channel = 271
Max ERP = 6 kW
RCAMSL = 187.8 M
N. Lat = 313140
W. Lng = 835022

Protected
60 dBu

Interfering
54 dBu

3 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
347.0	9.000	342.9	51.9	208.1	2.637	74.4	50.7	45.6
348.0	9.000	343.3	51.9	207.4	2.587	74.9	50.1	45.8
349.0	9.000	343.9	52.0	206.6	2.530	75.6	49.5	46.0
350.0	9.000	344.0	52.0	205.8	2.475	75.8	49.0	46.1
351.0	9.000	343.6	52.0	204.9	2.412	75.7	48.5	46.1
352.0	9.000	343.3	51.9	204.0	2.351	75.6	48.0	46.2
353.0	9.000	342.7	51.9	203.0	2.284	75.6	47.6	46.2
354.0	9.000	341.8	51.8	202.0	2.218	75.6	47.2	46.2
355.0	9.000	340.6	51.8	201.0	2.153	75.5	46.8	46.2
356.0	9.000	340.1	51.7	200.0	2.089	75.5	46.5	46.2
357.0	9.000	340.1	51.7	198.9	2.058	74.7	46.1	46.1
358.0	9.000	340.2	51.7	197.9	2.030	73.4	45.8	46.1
359.0	9.000	340.2	51.7	196.8	1.999	72.3	45.5	46.0
0.0	9.000	340.2	51.7	195.7	1.969	73.3	45.2	46.1
1.0	9.000	340.0	51.7	194.6	1.938	75.1	45.0	46.3
2.0	9.000	339.9	51.7	193.5	1.909	74.6	44.8	46.3
3.0	9.000	339.6	51.7	192.4	1.879	74.0	44.7	46.2
4.0	9.000	339.5	51.7	191.2	1.847	74.5	44.6	46.2
5.0	9.000	339.8	51.7	190.1	1.818	75.4	44.5	46.3
6.0	9.000	340.4	51.8	188.9	1.815	75.7	44.3	46.3
7.0	9.000	340.3	51.7	187.7	1.815	76.3	44.3	46.4
8.0	9.000	340.0	51.7	186.6	1.815	77.8	44.3	46.6
9.0	9.000	340.1	51.7	185.4	1.815	80.9	44.4	46.8
10.0	9.000	340.8	51.8	184.2	1.815	82.3	44.4	47.0
11.0	9.000	341.5	51.8	183.1	1.815	82.2	44.5	46.9
12.0	9.000	341.3	51.8	181.9	1.815	81.6	44.6	46.8
13.0	9.000	340.9	51.8	180.8	1.815	81.2	44.8	46.7
14.0	9.000	341.0	51.8	179.7	1.823	81.1	45.0	46.6
15.0	9.000	341.6	51.8	178.5	1.855	81.6	45.2	46.7
16.0	9.000	342.2	51.9	177.4	1.884	82.4	45.5	46.7
17.0	9.000	342.4	51.9	176.4	1.911	82.6	45.8	46.7
18.0	9.000	341.9	51.9	175.3	1.941	82.6	46.1	46.7
19.0	9.000	342.3	51.9	174.3	1.969	82.6	46.5	46.6
20.0	9.000	343.0	51.9	173.3	1.996	82.1	46.8	46.5
21.0	9.000	343.5	52.0	172.3	2.024	81.5	47.2	46.3
22.0	9.000	343.7	52.0	171.3	2.052	81.0	47.7	46.2
23.0	9.000	344.0	52.0	170.4	2.077	80.9	48.1	46.1
24.0	9.000	344.5	52.0	169.5	2.121	81.0	48.6	46.0
25.0	9.000	344.5	52.0	168.6	2.179	81.0	49.1	45.9
26.0	9.000	344.3	52.0	167.8	2.231	81.7	49.7	45.9
27.0	9.000	344.2	52.0	167.0	2.284	82.5	50.3	45.9

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EXHIBIT A5

Predicted Signal Contours:

31 31 40 - TABULATED PROTECTED AND INTERFERING CONTOURS
83 50 22 - WWSG RADIO STATION - SYLVESTER, GEORGIA

ERP = 6 kW, 7.782 dBk FM - 2-6 Tables 03 Second terrain database

Radial	HAAT	kW	dBk	Field	60 dBu.5	40 dBu.1	54 dBu.1	100 dBu.1
0 Degr.	76.9M	6.000	7.782	1.000	25.0	82.5	38.4	2.5
10 Degr.	76.6M	6.000	7.782	1.000	25.0	82.5	38.3	2.5
20 Degr.	68.5M	6.000	7.782	1.000	23.8	80.8	36.1	2.4
30 Degr.	61.1M	6.000	7.782	1.000	22.6	79.2	34.0	2.3
40 Degr.	60.9M	6.000	7.782	1.000	22.6	79.2	34.0	2.3
50 Degr.	63.8M	6.000	7.782	1.000	23.0	79.8	34.8	2.3
60 Degr.	66.4M	6.000	7.782	1.000	23.4	80.4	35.5	2.3
70 Degr.	69.8M	6.000	7.782	1.000	24.0	81.1	36.5	2.4
80 Degr.	73.4M	6.000	7.782	1.000	24.5	81.8	37.5	2.4
90 Degr.	73.4M	6.000	7.782	1.000	24.5	81.8	37.5	2.4
100 Degr.	78.1M	6.000	7.782	1.000	25.2	82.7	38.7	2.5
110 Degr.	77.1M	6.000	7.782	1.000	25.0	82.6	38.4	2.5
120 Degr.	77.6M	6.000	7.782	1.000	25.1	82.6	38.6	2.5
130 Degr.	80.9M	5.415	7.336	0.950	25.0	81.6	38.3	2.4
140 Degr.	82.2M	4.541	6.572	0.870	24.2	79.0	36.8	2.4
150 Degr.	85.2M	3.650	5.623	0.780	23.4	76.1	35.4	2.3
160 Degr.	82.9M	2.774	4.432	0.680	21.7	71.3	32.2	2.1
170 Degr.	80.8M	2.089	3.199	0.590	20.0	66.5	29.4	1.9
180 Degr.	80.8M	1.815	2.589	0.550	19.3	64.3	28.3	1.8
190 Degr.	75.3M	1.815	2.589	0.550	18.6	63.0	27.3	1.8
200 Degr.	75.3M	2.089	3.199	0.590	19.3	65.2	28.3	1.9
210 Degr.	73.6M	2.774	4.432	0.680	20.5	69.2	30.1	2.0
220 Degr.	67.9M	3.650	5.623	0.780	21.1	72.4	31.1	2.1
230 Degr.	72.7M	4.541	6.572	0.870	22.9	77.1	34.4	2.3
240 Degr.	84.6M	5.415	7.336	0.950	25.6	82.3	39.2	2.5
250 Degr.	85.2M	6.000	7.782	1.000	26.2	84.1	40.4	2.6
260 Degr.	91.5M	6.000	7.782	1.000	27.1	85.2	41.9	2.6
270 Degr.	97.1M	6.000	7.782	1.000	27.9	86.2	43.1	2.7
280 Degr.	98.8M	6.000	7.782	1.000	28.1	86.5	43.5	2.7
290 Degr.	97.3M	6.000	7.782	1.000	27.9	86.2	43.2	2.7
300 Degr.	90.6M	6.000	7.782	1.000	27.0	85.0	41.7	2.6
310 Degr.	89.6M	6.000	7.782	1.000	26.9	84.9	41.5	2.6
320 Degr.	93.3M	6.000	7.782	1.000	27.4	85.5	42.3	2.7
330 Degr.	87.9M	6.000	7.782	1.000	26.6	84.6	41.1	2.6
340 Degr.	86.3M	6.000	7.782	1.000	26.4	84.3	40.7	2.6
350 Degr.	81.0M	6.000	7.782	1.000	25.6	83.3	39.4	2.5

Ant. COR= 187.8M AMSL