

MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
has: 1130 kHz - 0.007/1.0 kW ND
CAMDEN, SOUTH CAROLINA
req: 1130 kHz - 0.009/1.0 kW ND
SPRINGDALE, SOUTH CAROLINA
January 2007

EXHIBIT #4A

Critical Hour Clearance

Call: WEAF Freq: 1130 kHz Springdale, SC, US
 Lat: 33-57-34 N Lng: 081-02-28 W
 Power: 1.0 Kw Theo RMS: 334.80 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	134.0	0	0	0.0	0.0	0.0	0.0

Interpolation factors for 1130 kHz:

K(500) = 0.000
 K(1000) = 0.783
 K(1600) = 0.217

 Call: WBBR Freq: 1130 kHz NEW YORK, NY, US
 Lat: 40-48-39 N Lng: 074-02-24 W
 Power: 50.0 kW Theo RMS: 379.81 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	179.0	0	0	0.0	0.0	0.0	0.0

Class A Azimuth (deg)	Reference Azimuth (deg)	Distance to 0.1 mV (km) / (mi)	Max Vert Angle (deg)	Max Rad Below Ang (mV/m@1km)	Permiss Radiation (mV/m@1km)	Margin (mV/m@1km)
286.44	27.00	919.6 /	571.4	12.5	334.80	802.7 467.9
269.42	28.00	868.0 /	539.3	13.4	334.80	741.3 406.5
255.27	29.00	817.2 /	507.8	14.5	334.80	681.4 346.6
250.20	30.00	805.7 /	500.6	14.7	334.80	661.9 327.1
245.58	31.00	796.6 /	495.0	14.9	334.80	649.8 315.0
241.26	32.00	789.4 /	490.5	15.1	334.80	639.6 304.8
237.15	33.00	783.7 /	487.0	15.2	334.80	630.6 295.8
233.19	34.00	779.5 /	484.3	15.3	334.80	622.7 287.9
229.25	35.00	774.6 /	481.3	15.4	334.80	614.6 279.8
225.28	36.00	763.4 /	474.4	15.7	334.80	602.7 267.9
221.79	37.00	766.4 /	476.2	15.6	334.80	599.7 264.9
218.17	38.00	768.8 /	477.7	15.5	334.80	596.3 261.5
214.60	39.00	768.5 /	477.5	15.5	334.80	591.4 256.6
211.45	40.00	762.4 /	473.7	15.7	334.80	583.2 248.4
208.51	41.00	757.8 /	470.9	15.8	334.80	577.0 242.2
205.70	42.00	754.6 /	468.9	15.9	334.80	571.6 236.8
184.94	43.00	865.1 /	537.6	13.5	334.80	642.6 307.8
80.35	44.00	1159.7 /	720.6	9.0	334.80	877.3 542.5
78.12	45.00	1214.4 /	754.6	8.4	334.80	914.1 579.3
75.35	46.00	1290.4 /	801.8	7.6	334.80	970.0 635.2

Clipped at 0.58 mV/m
 Clipped at 0.10 mV/m
 Clipped at 0.40 mV/m
 Clipped at 0.50 mV/m

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EXHIBIT #4B

Critical Hour Clearance

Call: WEAF Freq: 1130 kHz Springdale, SC, US
 Lat: 33-57-34 N Lng: 081-02-28 W
 Power: 1.0 Kw Theo RMS: 334.80 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	134.0	0	0	0.0	0.0	0.0	0.0

Interpolation factors for 1130 kHz:

K(500) = 0.000
 K(1000) = 0.783
 K(1600) = 0.217

Call: CKWX Freq: 1130 kHz VANCOUVER, BC, CA
 Lat: 49-09-22 N Lng: 123-04-00 W
 Power: 50.0 kW Theo RMS: 2096.00 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.460	59.0	135.0	195.0	90.0	0	0	0.0	0.0	0.0	0.0

Class A Azimuth (deg)	Reference Azimuth (deg)	Distance to 0.1 mV (km) / (mi)	Max Vert Angle (deg)	Max Rad Below Ang (mV/m@1km)	Permiss Radiation (mV/m@1km)	Margin (mV/m@1km)	
238.20	307.00	3977.0 / 2471.2	0.0	334.80	11310.0	10975.2	Clipped at 0.12 mV/m
182.46	308.00	3819.1 / 2373.1	0.0	334.80	10574.4	10239.6	Clipped at 3.40 mV/m
102.04	309.00	3749.9 / 2330.1	0.0	334.80	10226.4	9891.6	Clipped at 1.34 mV/m
79.86	310.00	3671.0 / 2281.0	0.0	334.80	9909.3	9574.5	
50.26	311.00	3727.9 / 2316.4	0.0	334.80	10340.4	10005.6	

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EXHIBIT #4C

Critical Hour Clearance

Call: WEAJ Freq: 1130 kHz Springdale, SC, US
 Lat: 33-57-34 N Lng: 081-02-28 W
 Power: 1.0 Kw Theo RMS: 334.80 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	134.0	0	0	0.0	0.0	0.0	0.0

Interpolation factors for 1130 kHz:

K(500) = 0.000
 K(1000) = 0.783
 K(1600) = 0.217

 Call: KWKH Freq: 1130 kHz SHREVEPORT, LA, US
 Lat: 32-42-18 N Lng: 093-52-55 W
 Power: 50.0 kW Theo RMS: 408.77 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	197.7	0	0	0.0	0.0	0.0	0.0

Class A Azimuth (deg)	Reference Azimuth (deg)	Distance to 0.1 mV (km) / (mi)	MaxVert Angle (deg)	Max Rad Below Ang (mV/m@1km)	Permiss Radiation (mV/m@1km)	Margin (mV/m@1km)	
142.44	252.00	1093.5 /	679.5	9.9	334.80	669.7	334.9
138.07	253.00	1074.2 /	667.5	10.1	334.80	656.4	321.6
133.88	254.00	1058.0 /	657.4	10.3	334.80	645.0	310.2
128.49	255.00	1036.8 /	644.2	10.6	334.80	630.6	295.8
122.76	256.00	1014.7 /	630.5	11.0	334.80	615.8	281.0
117.55	257.00	996.0 /	618.9	11.2	334.80	603.1	268.3
112.85	258.00	980.9 /	609.5	11.5	334.80	592.6	257.8
108.54	259.00	968.6 /	601.9	11.7	334.80	583.9	249.1
104.53	260.00	958.8 /	595.7	11.8	334.80	578.1	243.3
100.70	261.00	950.7 /	590.8	12.0	334.80	574.8	240.0
97.02	262.00	944.4 /	586.8	12.1	334.80	572.2	237.4
93.45	263.00	939.7 /	583.9	12.1	334.80	570.1	235.3
89.96	264.00	936.4 /	581.9	12.2	334.80	568.7	233.9
86.51	265.00	934.7 /	580.8	12.2	334.80	567.8	233.0
83.07	266.00	934.5 /	580.7	12.2	334.80	567.6	232.8
79.60	267.00	935.8 /	581.5	12.2	334.80	567.9	233.1
76.07	268.00	938.3 /	583.0	12.2	334.80	568.8	234.0
72.45	269.00	942.3 /	585.5	12.1	334.80	570.3	235.5
68.68	270.00	947.9 /	589.0	12.0	334.80	572.5	237.7
64.68	271.00	955.7 /	593.9	11.9	334.80	575.9	241.1
60.30	272.00	966.7 /	600.7	11.7	334.80	580.8	246.0
55.58	273.00	979.3 /	608.5	11.5	334.80	587.7	252.9
50.03	274.00	996.9 /	619.5	11.2	334.80	597.6	262.8
42.50	275.00	1025.0 /	636.9	10.8	334.80	613.6	278.8
33.67	276.00	1056.6 /	656.5	10.4	334.80	632.0	297.2
24.05	277.00	1090.3 /	677.5	9.9	334.80	652.1	317.3