

WEAF - CAMDEN, SC

Freq: 1130 kHz / Class: D
Latitude: 34-15-32 N / Longitude: 080-34-47 W
Power: 5 kW / RMS: 299.34 mV/m @1km
Towers: 1
Licensed - Dashed Lines

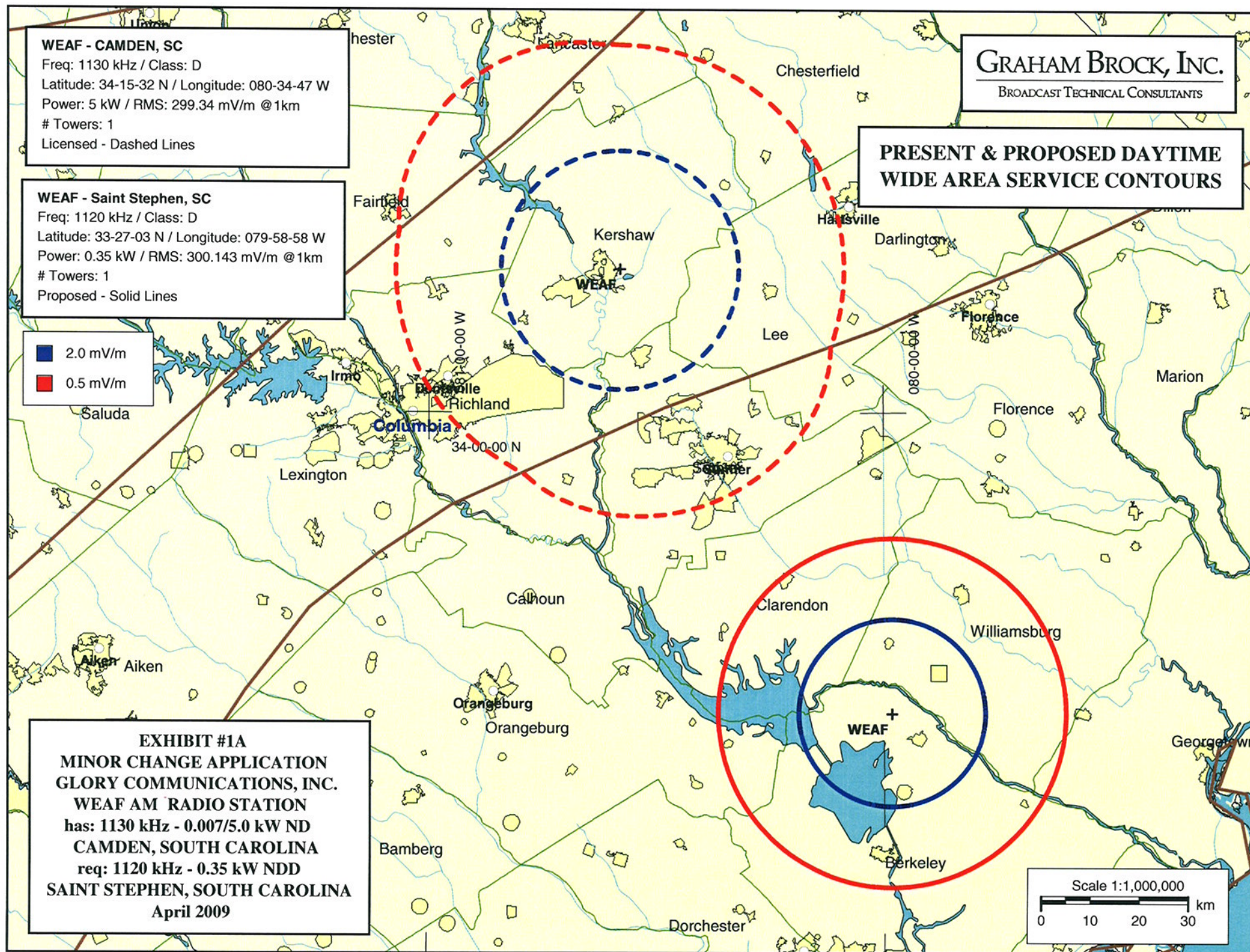
WEAF - Saint Stephen, SC

Freq: 1120 kHz / Class: D
Latitude: 33-27-03 N / Longitude: 079-58-58 W
Power: 0.35 kW / RMS: 300.143 mV/m @1km
Towers: 1
Proposed - Solid Lines

■ 2.0 mV/m
■ 0.5 mV/m

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

**PRESENT & PROPOSED DAYTIME
WIDE AREA SERVICE CONTOURS****EXHIBIT #1A****MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.****WEAF AM RADIO STATION**

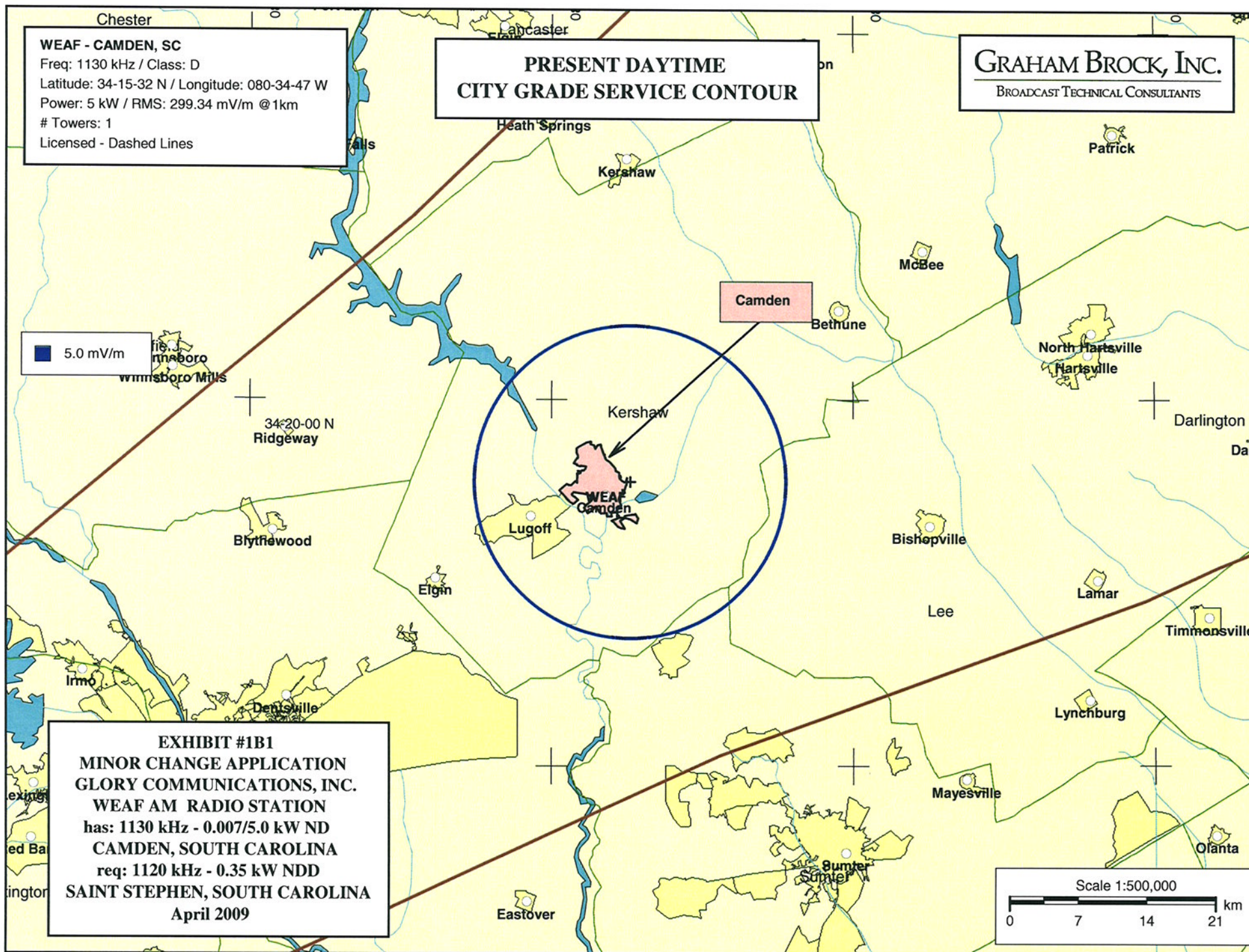
has: 1130 kHz - 0.007/5.0 kW ND

CAMDEN, SOUTH CAROLINA

req: 1120 kHz - 0.35 kW NDD

SAINT STEPHEN, SOUTH CAROLINA

April 2009



WEAF - Saint Stephen, SC

Freq: 1120 kHz / Class: D

Latitude: 33-27-03 N / Longitude: 079-58-58 W

Power: 0.35 kW / RMS: 300.143 mV/m @ 1km

Towers: 1

5.0 mV/m

**PROPOSED DAYTIME
CITY GRADE SERVICE CONTOUR**

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

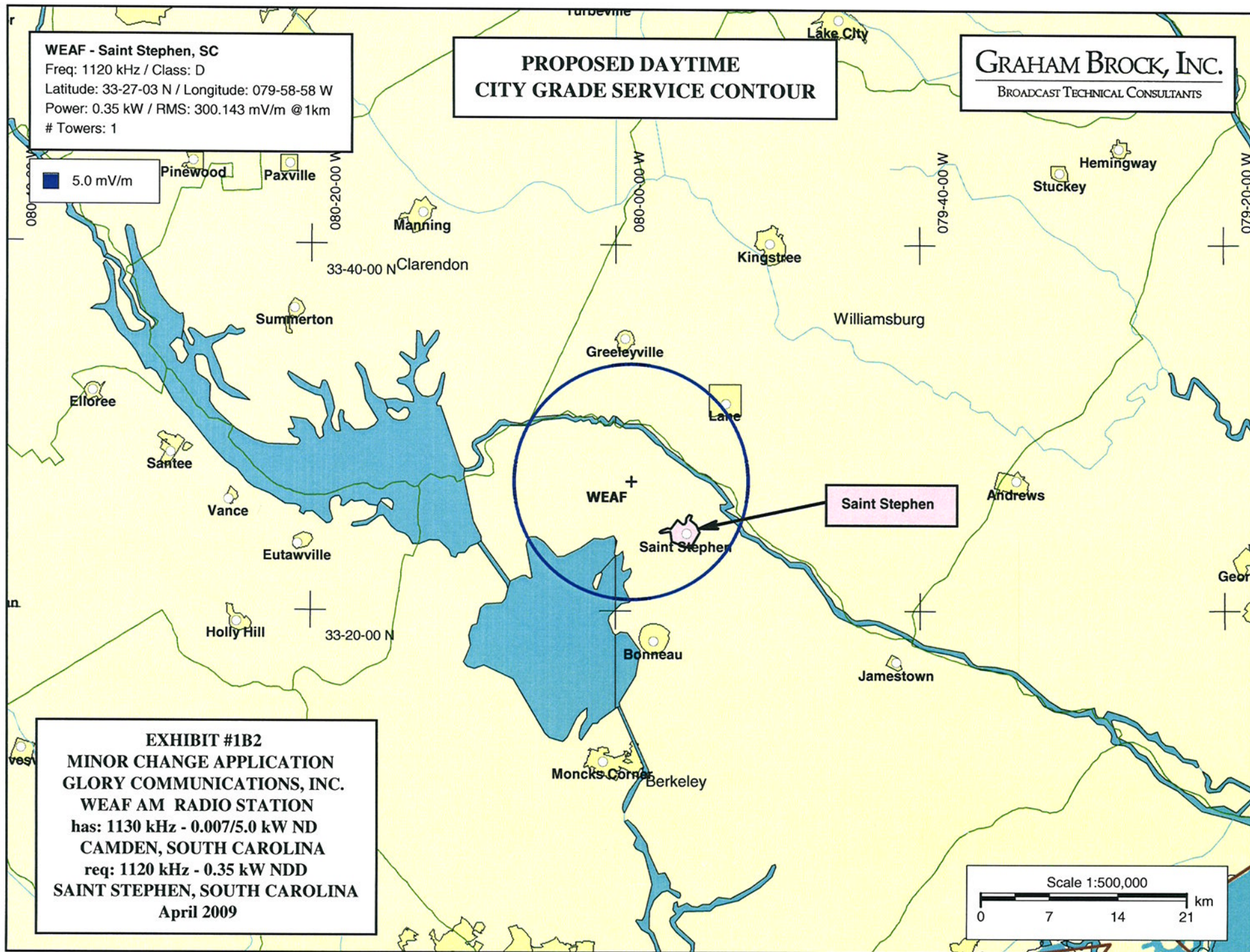


EXHIBIT #1B2

**MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.**

WEAF AM RADIO STATION

has: 1130 kHz - 0.007/5.0 kW ND

CAMDEN, SOUTH CAROLINA

req: 1120 kHz - 0.35 kW NDD

SAINT STEPHEN, SOUTH CAROLINA

April 2009

Scale 1:500,000

0 7 14 21 km

WEAF - CAMDEN, SC

Freq: 1130 kHz / Class: D

Latitude: 34-15-32 N / Longitude: 080-34-47 W

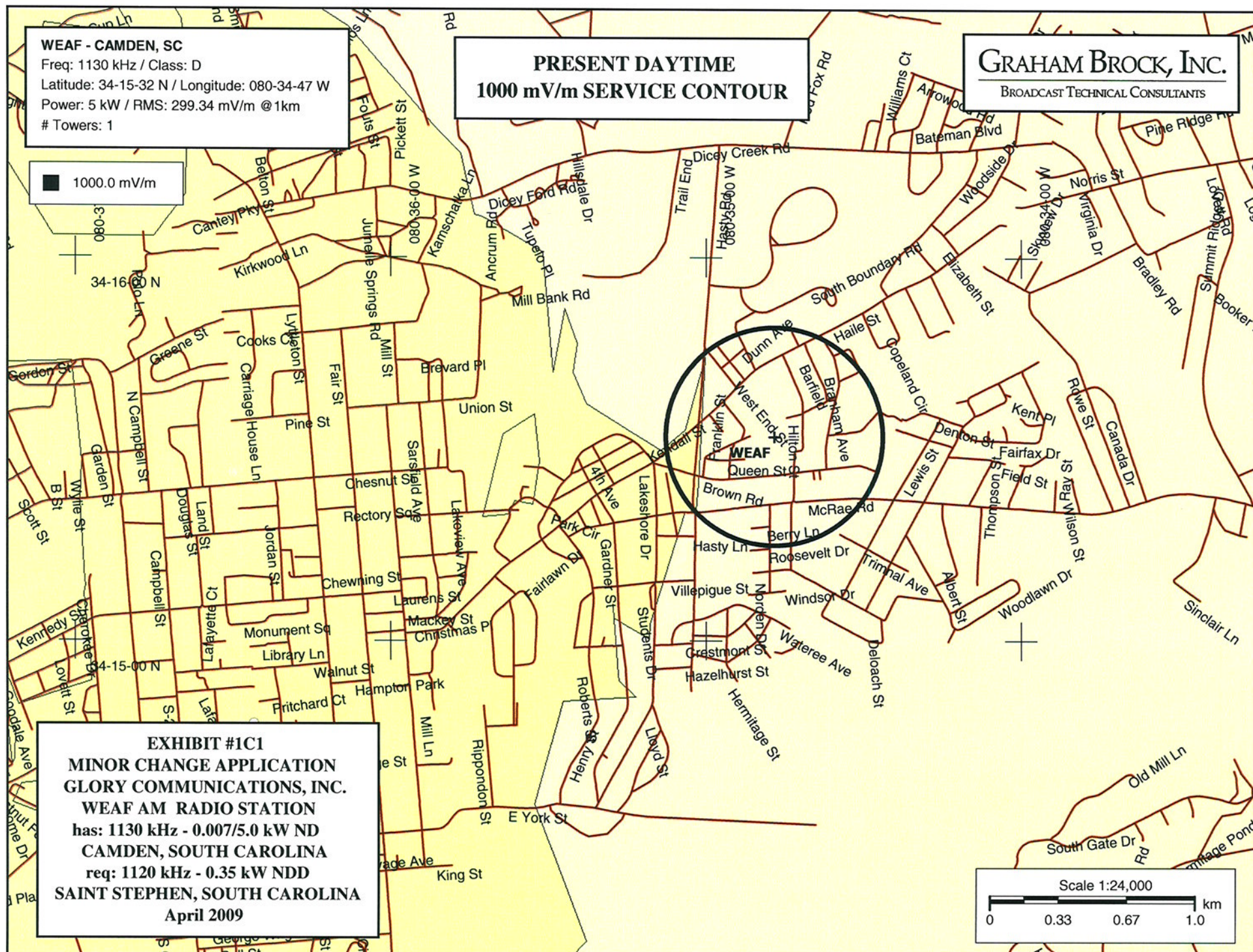
Power: 5 kW / RMS: 299.34 mV/m @1km

Towers: 1

**PRESENT DAYTIME
1000 mV/m SERVICE CONTOUR****GRAHAM BROCK, INC.**

BROADCAST TECHNICAL CONSULTANTS

1000.0 mV/m

**EXHIBIT #1C1****MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.****WEAF AM RADIO STATION**

has: 1130 kHz - 0.007/5.0 kW ND

CAMDEN, SOUTH CAROLINA

req: 1120 kHz - 0.35 kW NDD

SAINT STEPHEN, SOUTH CAROLINA

April 2009

Scale 1:24,000

0 0.33 0.67 1.0 km

WEAF - Saint Stephen, SC

Freq: 1120 kHz / Class: D

Latitude: 33-27-03 N / Longitude: 079-58-58 W

Power: 0.35 kW / RMS: 300.143 mV/m @ 1km

Towers: 1

1000.0 mV/m

**PROPOSED DAYTIME
1000 mV/m SERVICE CONTOUR**

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

International Rd

WEAF

33-27-00 N

EXHIBIT #1C2

**MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.**

WEAF AM RADIO STATION

has: 1130 kHz - 0.007/5.0 kW ND

CAMDEN, SOUTH CAROLINA

req: 1120 kHz - 0.35 kW NDD

SAINT STEPHEN, SOUTH CAROLINA

April 2009

**WITHIN THE PROPOSED 1000 mV/m CONTOUR:
0 Persons - 2000 Census**

Scale 1:24,000

0 0.33 0.67 1.0 km

MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
has: 1130 kHz - 0.007/5.0 kW ND
CAMDEN, SOUTH CAROLINA
req: 1120 kHz - 0.35 kW NDD
SAINT STEPHEN, SOUTH CAROLINA
April 2009

EXHIBIT #1D

Present Daytime Service Contours

North Latitude: 34° 15' 32"
West Longitude: 80° 34' 47"

Frequency: 1130 kHz

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
0.0	669.34	0.53	15.82	24.11	45.47
5.0	669.34	0.53	15.82	24.11	45.47
10.0	669.34	0.53	15.82	24.11	45.47
15.0	669.34	0.53	15.82	24.11	45.47
20.0	669.34	0.53	15.82	24.11	45.47
25.0	669.34	0.53	15.82	24.11	45.47
30.0	669.34	0.53	15.82	24.11	45.47
35.0	669.34	0.53	15.82	24.11	45.47
40.0	669.34	0.53	15.82	24.11	45.47
45.0	669.34	0.53	15.82	24.11	45.47
50.0	669.34	0.53	15.82	24.11	45.47
55.0	669.34	0.53	15.82	24.11	45.47
60.0	669.34	0.53	15.82	24.11	45.47
65.0	669.34	0.53	15.82	24.11	45.47
70.0	669.34	0.53	15.82	24.11	45.47
75.0	669.34	0.53	15.82	24.11	45.47
80.0	669.34	0.53	15.82	24.11	45.47
85.0	669.34	0.53	15.82	24.11	45.47
90.0	669.34	0.53	15.82	24.11	45.47
95.0	669.34	0.53	15.82	24.11	45.47
100.0	669.34	0.53	15.82	24.11	45.47
105.0	669.34	0.53	15.82	24.11	45.47
110.0	669.34	0.53	15.82	24.11	45.52
115.0	669.34	0.53	15.82	24.11	46.80
120.0	669.34	0.53	15.82	24.11	47.80
125.0	669.34	0.53	15.82	24.11	48.58
130.0	669.34	0.53	15.82	24.11	49.20
135.0	669.34	0.53	15.82	24.11	49.69
140.0	669.34	0.53	15.82	24.11	50.07
145.0	669.34	0.53	15.82	24.11	50.35
150.0	669.34	0.53	15.82	24.11	50.54
155.0	669.34	0.53	15.82	24.11	50.66
160.0	669.34	0.53	15.82	24.11	50.69
165.0	669.34	0.53	15.82	24.11	50.61
170.0	669.34	0.53	15.82	24.11	50.42
175.0	669.34	0.53	15.82	24.11	50.15

MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
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CAMDEN, SOUTH CAROLINA
req: 1120 kHz - 0.35 kW NDD
SAINT STEPHEN, SOUTH CAROLINA
April 2009

EXHIBIT #1D (Continued)

Present Daytime Service Contours

North Latitude: 34° 15' 32"
West Longitude: 80° 34' 47"

Frequency: 1130 kHz

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
180.0	669.34	0.53	15.82	24.11	49.78
185.0	669.34	0.53	15.82	24.11	49.30
190.0	669.34	0.53	15.82	24.11	48.69
195.0	669.34	0.53	15.82	24.11	47.92
200.0	669.34	0.53	15.82	24.11	46.94
205.0	669.34	0.53	15.82	24.11	45.69
210.0	669.34	0.53	15.82	24.11	45.47
215.0	669.34	0.53	15.82	24.11	45.47
220.0	669.34	0.53	15.82	24.11	45.47
225.0	669.34	0.53	15.82	24.11	45.47
230.0	669.34	0.53	15.82	24.11	45.47
235.0	669.34	0.53	15.82	24.11	45.47
240.0	669.34	0.53	15.82	24.11	45.47
245.0	669.34	0.53	15.82	24.11	45.47
250.0	669.34	0.53	15.82	24.11	45.47
255.0	669.34	0.53	15.82	24.11	45.47
260.0	669.34	0.53	15.82	24.11	45.47
265.0	669.34	0.53	15.82	24.11	45.47
270.0	669.34	0.53	15.82	24.11	45.47
275.0	669.34	0.53	15.82	24.11	45.47
280.0	669.34	0.53	15.82	24.11	45.49
285.0	669.34	0.53	15.82	24.11	46.40
290.0	669.34	0.53	15.82	24.11	47.13
295.0	669.34	0.53	15.82	24.11	47.70
300.0	669.34	0.53	15.82	24.11	48.14
305.0	669.34	0.53	15.82	24.11	48.46
310.0	669.34	0.53	15.82	24.11	48.69
315.0	669.34	0.53	15.82	24.11	48.82
320.0	669.34	0.53	15.82	24.11	48.87
325.0	669.34	0.53	15.82	24.11	48.77
330.0	669.34	0.53	15.82	24.11	48.57
335.0	669.34	0.53	15.82	24.11	48.28
340.0	669.34	0.53	15.82	24.11	47.88
345.0	669.34	0.53	15.82	24.11	47.35
350.0	669.34	0.53	15.82	24.11	46.68
355.0	669.34	0.53	15.82	24.11	45.82

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SAINT STEPHEN, SOUTH CAROLINA
April 2009

EXHIBIT #1E

Present Site Ground Conductivity Tabulation

North Latitude: 34' 15' 32"
West Longitude: 80' 34' 47"

Conductivity Database Used: M3

Ground Conductivity Data:									
Region conductivity in mS/m followed by distance in km									
Azimuth	to the end of region. E - map data; M - measurement data.								
0.0	2.0E	47.9	4.0E	145.8	2.0E	611.7	4.0E	715.7	8.0E 844.0
5.0	2.0E	52.4	4.0E	172.7	2.0E	529.9	4.0E	603.1	2.0E 604.0
10.0	2.0E	58.5	4.0E	188.4	2.0E	538.2	4.0E	702.7	2.0E 835.9
15.0	2.0E	66.6	4.0E	206.5	2.0E	247.5	4.0E	299.3	2.0E 563.8
20.0	2.0E	78.2	4.0E	334.4	2.0E	840.6	4.0E	1277.9	10.0E 1300.0
25.0	2.0E	95.4	4.0E	323.6	2.0E	674.4	4.0E	702.5	2.0E 851.1
30.0	2.0E	116.9	4.0E	310.4	2.0E	686.6	4.0E	847.3	2.0E 911.4
35.0	2.0E	148.5	4.0E	287.9	2.0E	530.1	4.0E	549.2	5000.0E 556.5
40.0	2.0E	185.8	4.0E	258.5	2.0E	524.0	5000.0E	526.9	4.0E 553.2
45.0	2.0E	198.5	4.0E	238.8	2.0E	470.3	5000.0E	473.8	2.0E 491.6
50.0	2.0E	204.8	4.0E	246.6	2.0E	447.9	4.0E	474.4	5000.0E 481.3
55.0	2.0E	211.0	4.0E	256.9	2.0E	416.4	4.0E	503.2	5000.0E 1300.0
60.0	2.0E	215.0	4.0E	270.4	2.0E	388.8	4.0E	402.1	5000.0E 409.2
65.0	2.0E	220.2	4.0E	289.4	2.0E	314.5	4.0E	349.3	5000.0E 350.0
70.0	2.0E	225.6	4.0E	374.9	5000.0E	402.7	4.0E	446.7	5000.0E 457.1
75.0	2.0E	181.3	4.0E	340.3	5000.0E	348.2	4.0E	373.9	5000.0E 1300.0
80.0	2.0E	130.4	4.0E	294.6	5000.0E	297.1	4.0E	320.8	5000.0E 322.4
85.0	2.0E	99.6	4.0E	281.6	5000.0E	1300.0			
90.0	2.0E	80.5	4.0E	256.5	5000.0E	1300.0			
95.0	2.0E	66.7	4.0E	242.5	5000.0E	244.2	4.0E	248.9	5000.0E 1300.0
100.0	2.0E	57.5	4.0E	219.4	5000.0E	1300.0			
105.0	2.0E	50.8	4.0E	184.3	5000.0E	1300.0			
110.0	2.0E	45.3	4.0E	172.5	5000.0E	1300.0			
115.0	2.0E	41.2	4.0E	166.9	5000.0E	1300.0			
120.0	2.0E	38.0	4.0E	163.4	5000.0E	1300.0			
125.0	2.0E	35.6	4.0E	164.0	5000.0E	1300.0			
130.0	2.0E	33.6	4.0E	157.6	5000.0E	159.7	4.0E	164.0	5000.0E 166.6
135.0	2.0E	32.1	4.0E	175.5	5000.0E	1300.0			
140.0	2.0E	31.0	4.0E	173.0	5000.0E	1300.0			
145.0	2.0E	30.2	4.0E	167.4	5000.0E	1300.0			
150.0	2.0E	29.6	4.0E	173.4	5000.0E	1300.0			
155.0	2.0E	29.2	4.0E	180.7	5000.0E	1300.0			
160.0	2.0E	29.1	4.0E	182.8	5000.0E	185.2	4.0E	187.8	5000.0E 1300.0
165.0	2.0E	29.4	4.0E	192.5	5000.0E	1300.0			
170.0	2.0E	29.9	4.0E	195.3	5000.0E	1300.0			
175.0	2.0E	30.8	4.0E	196.8	5000.0E	1300.0			

MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
has: 1130 kHz - 0.007/5.0 kW ND
CAMDEN, SOUTH CAROLINA
req: 1120 kHz - 0.35 kW NDD
SAINT STEPHEN, SOUTH CAROLINA
April 2009

EXHIBIT #1E (continued)

Present Site Ground Conductivity Tabulation

North Latitude: 34° 15' 32"
West Longitude: 80° 34' 47"

Conductivity Database Used: M3 (USA) AND MEASURED

Ground Conductivity Data:

Region conductivity in mS/m followed by distance in km

Azimuth to the end of region. E - map data; M - measurement data.

Azimuth	Region	Conductivity (mS/m)	Distance (km)
180.0	2.0E	31.9	4.0E 198.6
185.0	2.0E	33.3	4.0E 195.9
190.0	2.0E	35.2	4.0E 231.1
195.0	2.0E	37.6	4.0E 323.1
200.0	2.0E	40.7	4.0E 462.6
205.0	2.0E	44.8	4.0E 433.6
210.0	2.0E	50.1	4.0E 417.1
215.0	2.0E	57.4	4.0E 402.3
220.0	2.0E	73.6	4.0E 145.7
225.0	2.0E	227.4	4.0E 536.3
230.0	2.0E	227.0	4.0E 603.1
235.0	2.0E	212.4	4.0E 625.5
240.0	2.0E	163.9	4.0E 622.5
245.0	2.0E	123.8	4.0E 547.5
250.0	2.0E	97.5	4.0E 401.5
255.0	2.0E	81.0	4.0E 326.1
260.0	2.0E	69.7	4.0E 305.2
265.0	2.0E	60.8	4.0E 293.3
270.0	2.0E	54.2	4.0E 259.7
275.0	2.0E	49.3	4.0E 230.2
280.0	2.0E	45.4	4.0E 198.5
285.0	2.0E	42.5	4.0E 166.0
290.0	2.0E	40.1	4.0E 137.5
295.0	2.0E	38.3	4.0E 119.1
300.0	2.0E	37.0	4.0E 107.5
305.0	2.0E	35.9	4.0E 102.1
310.0	2.0E	35.2	4.0E 98.6
315.0	2.0E	34.8	4.0E 97.7
320.0	2.0E	34.7	4.0E 97.5
325.0	2.0E	35.0	4.0E 98.1
330.0	2.0E	35.6	4.0E 99.5
335.0	2.0E	36.5	4.0E 101.7
340.0	2.0E	37.8	4.0E 104.8
345.0	2.0E	39.4	4.0E 110.0
350.0	2.0E	41.6	4.0E 116.6
355.0	2.0E	44.3	4.0E 127.5
	8.0E	216.8	5000.0E 691.3
	8.0E	207.9	5000.0E 221.8
	8.0E	254.3	5000.0E 449.9
	8.0E	357.8	5000.0E 358.4
	2.0E	513.2	4.0E 615.8
	2.0E	517.6	4.0E 595.6
	2.0E	574.3	5000.0E 1300.0
	2.0E	564.4	5000.0E 1300.0
	2.0E	215.6	4.0E 402.0
	2.0E	587.5	1.0E 663.1
	1.0E	674.4	5000.0E 1300.0
	1.0E	716.1	5000.0E 1300.0
	8.0E	658.2	1.0E 803.4
	8.0E	731.4	1.0E 761.9
	2.0E	430.3	4.0E 565.9
	1.0E	374.7	2.0E 517.5
	1.0E	357.4	2.0E 525.2
	2.0E	305.9	1.0E 342.1
	2.0E	312.4	1.0E 326.5
	4.0E	378.6	4.0E 462.7
	4.0E	362.8	4.0E 442.3
	4.0E	367.5	4.0E 424.5
	4.0E	479.3	4.0E 823.4
	4.0E	452.6	4.0E 702.4
	4.0E	455.3	4.0E 672.2
	4.0E	475.9	4.0E 668.6
	4.0E	490.8	4.0E 681.0
	4.0E	286.0	4.0E 316.6
	4.0E	281.5	4.0E 366.9
	4.0E	278.8	4.0E 354.4
	4.0E	278.4	4.0E 346.0
	4.0E	280.1	4.0E 340.9
	4.0E	283.9	4.0E 339.4
	4.0E	290.5	4.0E 332.7
	4.0E	598.7	4.0E 632.2
	4.0E	597.6	4.0E 668.2
	8.0E		1004.2
	8.0E		227.5
	8.0E		480.0
	8.0E		373.8
	5000.0E		1300.0
	5000.0E		1300.0
	2.0E		563.3
	5000.0E		1300.0
	2.0E		809.2
	2.0E		966.7
	8.0E		686.5
	4.0E		643.4
	4.0E		628.3
	2.0E		482.9
	2.0E		433.5
	2.0E		575.8
	2.0E		538.0
	2.0E		507.3
	8.0E		1264.5
	8.0E		784.6
	8.0E		936.9
	8.0E		917.2
	8.0E		919.2
	2.0E		481.6
	2.0E		463.3
	2.0E		481.9
	2.0E		536.0
	2.0E		593.9
	2.0E		606.9
	2.0E		610.2
	8.0E		841.1
	8.0E		870.8

MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
has: 1130 kHz - 0.007/5.0 kW ND
CAMDEN, SOUTH CAROLINA
req: 1120 kHz - 0.35 kW NDD
SAINT STEPHEN, SOUTH CAROLINA
April 2009

EXHIBIT #1F

Proposed Daytime Service Contours

North Latitude: 33° 27' 03"
West Longitude: 79° 58' 58"

Frequency: 1120 kHz

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
0.0	177.57	0.17	11.88	18.94	35.33
5.0	177.57	0.17	11.88	18.94	35.33
10.0	177.57	0.17	11.88	18.94	35.33
15.0	177.57	0.17	11.88	18.94	35.33
20.0	177.57	0.17	11.88	18.94	35.33
25.0	177.57	0.17	11.88	18.94	35.33
30.0	177.57	0.17	11.88	18.94	35.33
35.0	177.57	0.17	11.88	18.94	35.33
40.0	177.57	0.17	11.88	18.94	35.33
45.0	177.57	0.17	11.88	18.94	35.33
50.0	177.57	0.17	11.88	18.94	35.33
55.0	177.57	0.17	11.88	18.94	35.33
60.0	177.57	0.17	11.88	18.94	35.33
65.0	177.57	0.17	11.88	18.94	35.33
70.0	177.57	0.17	11.88	18.94	35.33
75.0	177.57	0.17	11.88	18.94	35.33
80.0	177.57	0.17	11.88	18.94	35.33
85.0	177.57	0.17	11.88	18.94	35.33
90.0	177.57	0.17	11.88	18.94	35.33
95.0	177.57	0.17	11.88	18.94	35.33
100.0	177.57	0.17	11.88	18.94	35.33
105.0	177.57	0.17	11.88	18.94	35.33
110.0	177.57	0.17	11.88	18.94	35.33
115.0	177.57	0.17	11.88	18.94	35.33
120.0	177.57	0.17	11.88	18.94	35.33
125.0	177.57	0.17	11.88	18.94	35.33
130.0	177.57	0.17	11.88	18.94	35.33
135.0	177.57	0.17	11.88	18.94	35.33
140.0	177.57	0.17	11.88	18.94	35.33
145.0	177.57	0.17	11.88	18.94	35.33
150.0	177.57	0.17	11.88	18.94	35.33
155.0	177.57	0.17	11.88	18.94	35.33
160.0	177.57	0.17	11.88	18.94	35.33
165.0	177.57	0.17	11.88	18.94	35.33
170.0	177.57	0.17	11.88	18.94	35.33
175.0	177.57	0.17	11.88	18.94	35.33

MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
has: 1130 kHz - 0.007/5.0 kW ND
CAMDEN, SOUTH CAROLINA
req: 1120 kHz - 0.35 kW NDD
SAINT STEPHEN, SOUTH CAROLINA
April 2009

EXHIBIT #1F (continued)

Proposed Daytime Service Contours

North Latitude: 33° 27' 03"
West Longitude: 79° 58' 58"

Frequency: 1120 kHz

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
180.0	177.57	0.17	11.88	18.94	35.33
185.0	177.57	0.17	11.88	18.94	35.33
190.0	177.57	0.17	11.88	18.94	35.33
195.0	177.57	0.17	11.88	18.94	35.33
200.0	177.57	0.17	11.88	18.94	35.33
205.0	177.57	0.17	11.88	18.94	35.33
210.0	177.57	0.17	11.88	18.94	35.33
215.0	177.57	0.17	11.88	18.94	35.33
220.0	177.57	0.17	11.88	18.94	35.33
225.0	177.57	0.17	11.88	18.94	35.33
230.0	177.57	0.17	11.88	18.94	35.33
235.0	177.57	0.17	11.88	18.94	35.33
240.0	177.57	0.17	11.88	18.94	35.33
245.0	177.57	0.17	11.88	18.94	35.33
250.0	177.57	0.17	11.88	18.94	35.33
255.0	177.57	0.17	11.88	18.94	35.33
260.0	177.57	0.17	11.88	18.94	35.33
265.0	177.57	0.17	11.88	18.94	35.33
270.0	177.57	0.17	11.88	18.94	35.33
275.0	177.57	0.17	11.88	18.94	35.33
280.0	177.57	0.17	11.88	18.94	35.33
285.0	177.57	0.17	11.88	18.94	35.33
290.0	177.57	0.17	11.88	18.94	35.33
295.0	177.57	0.17	11.88	18.94	35.33
300.0	177.57	0.17	11.88	18.94	35.33
305.0	177.57	0.17	11.88	18.94	35.33
310.0	177.57	0.17	11.88	18.94	35.33
315.0	177.57	0.17	11.88	18.94	35.33
320.0	177.57	0.17	11.88	18.94	35.33
325.0	177.57	0.17	11.88	18.94	35.33
330.0	177.57	0.17	11.88	18.94	35.33
335.0	177.57	0.17	11.88	18.94	35.33
340.0	177.57	0.17	11.88	18.94	35.33
345.0	177.57	0.17	11.88	18.94	35.33
350.0	177.57	0.17	11.88	18.94	35.33
355.0	177.57	0.17	11.88	18.94	35.33

MINOR CHANGE APPLICATION
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SAINT STEPHEN, SOUTH CAROLINA
April 2009

EXHIBIT #1G

Proposed Site Ground Conductivity Tabulation

North Latitude: 33' 27' 03"
West Longitude: 79' 58' 58"

Conductivity Database Used: M3 (USA)

Ground Conductivity Data:												
Region conductivity in mS/m followed by distance in km												
Azimuth	to the end of region. E - map data; M - measurement data.											
0.0	4.0E	78.8	2.0E	187.7	4.0E	289.2	2.0E	617.0	4.0E	688.9	2.0E	692.7
	4.0E	855.1	2.0E	859.7	8.0E	925.1	4.0E	970.4				
5.0	4.0E	82.3	2.0E	201.7	4.0E	389.5	2.0E	623.2	4.0E	787.5	2.0E	921.4
10.0	4.0E	86.4	2.0E	219.7	4.0E	402.3	2.0E	654.9	4.0E	803.6	2.0E	908.8
15.0	4.0E	91.8	2.0E	238.5	4.0E	378.1	2.0E	909.2	4.0E	1166.5		
20.0	4.0E	99.0	2.0E	245.5	4.0E	330.3	2.0E	735.3	4.0E	827.2	2.0E	912.6
25.0	4.0E	109.0	2.0E	243.4	4.0E	282.1	2.0E	582.7	4.0E	608.4	5000.0E	612.3
	4.0E	692.8	40.0E	693.9	4.0E	703.6	40.0E	714.4	4.0E	719.2	40.0E	720.5
30.0	4.0E	122.3	2.0E	241.0	4.0E	282.0	2.0E	567.1	5000.0E	569.6	4.0E	599.4
35.0	4.0E	140.4	2.0E	235.5	4.0E	284.0	2.0E	509.0	5000.0E	514.5	2.0E	523.5
40.0	4.0E	168.1	2.0E	231.9	4.0E	288.6	2.0E	448.0	4.0E	497.5	5000.0E	509.4
45.0	4.0E	208.7	2.0E	223.1	4.0E	297.5	2.0E	401.1	4.0E	414.1	5000.0E	417.4
50.0	4.0E	352.8	5000.0E	357.5	4.0E	448.4	5000.0E	480.5	4.0E	484.7	5000.0E	1300.0
55.0	4.0E	326.5	5000.0E	328.5	4.0E	371.8	5000.0E	390.7	4.0E	471.1	5000.0E	1300.0
60.0	4.0E	274.5	5000.0E	276.3	4.0E	336.0	5000.0E	345.3	4.0E	351.6	5000.0E	367.5
	4.0E	370.9	5000.0E	1300.0								
65.0	4.0E	227.6	5000.0E	347.3	4.0E	350.3	5000.0E	1300.0				
70.0	4.0E	198.8	5000.0E	200.3	4.0E	207.1	5000.0E	1300.0				
75.0	4.0E	108.9	5000.0E	1300.0								
80.0	4.0E	95.8	5000.0E	1300.0								
85.0	4.0E	86.7	5000.0E	1300.0								
90.0	4.0E	81.9	5000.0E	1300.0								
95.0	4.0E	69.1	5000.0E	69.8	4.0E	78.2	5000.0E	1300.0				
100.0	4.0E	66.4	5000.0E	68.5	4.0E	76.5	5000.0E	1300.0				
105.0	4.0E	66.7	5000.0E	75.2	4.0E	77.6	5000.0E	1300.0				
110.0	4.0E	76.3	5000.0E	1300.0								
115.0	4.0E	78.5	5000.0E	1300.0								
120.0	4.0E	74.8	5000.0E	1300.0								
125.0	4.0E	72.0	5000.0E	1300.0								
130.0	4.0E	74.3	5000.0E	1300.0								
135.0	4.0E	66.3	5000.0E	67.7	4.0E	71.1	5000.0E	1300.0				
140.0	4.0E	62.6	5000.0E	1300.0								
145.0	4.0E	65.0	5000.0E	1300.0								
150.0	4.0E	67.6	5000.0E	1300.0								
155.0	4.0E	68.6	5000.0E	1300.0								
160.0	4.0E	70.2	5000.0E	1300.0								
165.0	4.0E	77.3	5000.0E	1300.0								
170.0	4.0E	79.8	5000.0E	1300.0								

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SAINT STEPHEN, SOUTH CAROLINA
April 2009

EXHIBIT #1G (Continued)

Proposed Site Ground Conductivity Tabulation

North Latitude: 33° 27' 03"
West Longitude: 79° 58' 58"

Conductivity Database Used: M3 (USA)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.											
Azimuth											
175.0	4.0E	71.8	5000.0E	78.8	4.0E	82.1	5000.0E	84.7	4.0E	87.7	5000.0E 1300.0
180.0	4.0E	90.9	5000.0E	1300.0							
185.0	4.0E	97.5	5000.0E	611.3	8.0E	923.7	5000.0E	1300.0			
190.0	4.0E	101.7	5000.0E	499.2	2.0E	696.6	8.0E	853.1	5000.0E	1300.0	
195.0	4.0E	109.9	5000.0E	444.1	2.0E	698.8	8.0E	793.3	5000.0E	1300.0	
200.0	4.0E	113.1	5000.0E	388.0	8.0E	409.6	4.0E	438.3	2.0E	615.2	4.0E 730.9
205.0	4.0E	115.0	5000.0E	119.3	4.0E	121.4	8.0E	144.9	5000.0E	331.8	8.0E 363.0
	4.0E	439.1	2.0E	485.8	4.0E	650.4	5000.0E	1300.0			
210.0	4.0E	123.5	8.0E	142.4	5000.0E	150.8	8.0E	177.7	5000.0E	222.6	8.0E 222.8
	5000.0E	230.7	8.0E	243.8	5000.0E	263.3	8.0E	271.0	5000.0E	273.3	8.0E 295.4
	5000.0E	296.5	8.0E	313.6	5000.0E	314.6	8.0E	317.2	4.0E	412.2	2.0E 459.7
215.0	4.0E	128.6	8.0E	132.6	5000.0E	138.0	8.0E	160.0	4.0E	167.8	8.0E 221.5
	4.0E	396.7	2.0E	462.1	4.0E	543.1	5000.0E	1300.0			
220.0	4.0E	383.7	2.0E	532.4	5000.0E	1300.0					
225.0	4.0E	378.3	2.0E	530.3	5000.0E	1300.0					
230.0	4.0E	373.6	2.0E	545.6	1.0E	614.8	5000.0E	1300.0			
235.0	4.0E	378.7	2.0E	464.0	4.0E	508.2	2.0E	570.0	1.0E	637.3	5000.0E 641.2
	1.0E	648.5	5000.0E	1300.0							
240.0	4.0E	594.6	1.0E	671.4	5000.0E	1300.0					
245.0	4.0E	628.7	1.0E	735.1	5000.0E	752.1	1.0E	762.3	5000.0E	992.3	15.0E 1015.4
250.0	4.0E	187.7	2.0E	215.3	4.0E	632.6	8.0E	678.5	1.0E	807.2	2.0E 813.8
255.0	4.0E	169.3	2.0E	233.6	4.0E	576.9	8.0E	755.8	2.0E	933.2	4.0E 1095.6
260.0	4.0E	155.4	2.0E	234.8	4.0E	567.9	8.0E	702.5	2.0E	867.1	4.0E 1003.0
265.0	4.0E	143.9	2.0E	223.3	4.0E	431.0	2.0E	548.0	4.0E	677.4	2.0E 854.8
270.0	4.0E	134.9	2.0E	205.5	4.0E	375.3	1.0E	415.6	2.0E	572.7	4.0E 676.8
275.0	4.0E	127.1	2.0E	190.5	4.0E	358.2	1.0E	407.3	2.0E	541.1	4.0E 603.5
280.0	4.0E	120.6	2.0E	178.1	4.0E	356.6	2.0E	364.9	1.0E	399.0	2.0E 501.7
285.0	4.0E	112.5	2.0E	167.5	4.0E	333.3	2.0E	456.4	4.0E	530.2	2.0E 629.6
290.0	4.0E	105.4	2.0E	159.2	4.0E	311.5	2.0E	440.6	4.0E	516.2	2.0E 600.6
295.0	4.0E	99.4	2.0E	152.8	4.0E	288.2	2.0E	453.2	4.0E	496.9	2.0E 574.7
300.0	4.0E	93.0	2.0E	148.0	4.0E	264.1	2.0E	549.6	4.0E	787.7	8.0E 1283.4
305.0	4.0E	87.8	2.0E	144.3	4.0E	237.7	2.0E	546.2	4.0E	765.3	8.0E 1022.6
310.0	4.0E	83.8	2.0E	141.4	4.0E	217.9	2.0E	576.5	4.0E	770.1	8.0E 1015.1
315.0	4.0E	80.8	2.0E	139.6	4.0E	205.6	2.0E	597.1	4.0E	787.6	8.0E 1035.9
320.0	4.0E	78.5	2.0E	139.0	4.0E	201.3	2.0E	388.5	4.0E	446.4	2.0E 570.8
325.0	4.0E	76.7	2.0E	139.4	4.0E	202.5	2.0E	384.5	4.0E	462.6	2.0E 578.4
330.0	4.0E	75.2	2.0E	141.4	4.0E	205.2	2.0E	383.7	4.0E	451.2	2.0E 640.5
335.0	4.0E	74.3	2.0E	145.0	4.0E	209.8	2.0E	385.9	4.0E	444.6	2.0E 705.3
340.0	4.0E	74.0	2.0E	149.9	4.0E	217.9	2.0E	391.2	4.0E	441.1	2.0E 708.2
345.0	4.0E	74.2	2.0E	156.4	4.0E	232.4	2.0E	707.7	4.0E	718.8	8.0E 907.1
350.0	4.0E	75.1	2.0E	164.8	4.0E	257.7	2.0E	692.3	4.0E	749.1	8.0E 950.7
355.0	4.0E	76.5	2.0E	175.6	4.0E	274.4	2.0E	701.1	4.0E	793.1	8.0E 978.1

MINOR CHANGE APPLICATION
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WEAF AM RADIO STATION
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SAINT STEPHEN, SOUTH CAROLINA
April 2009

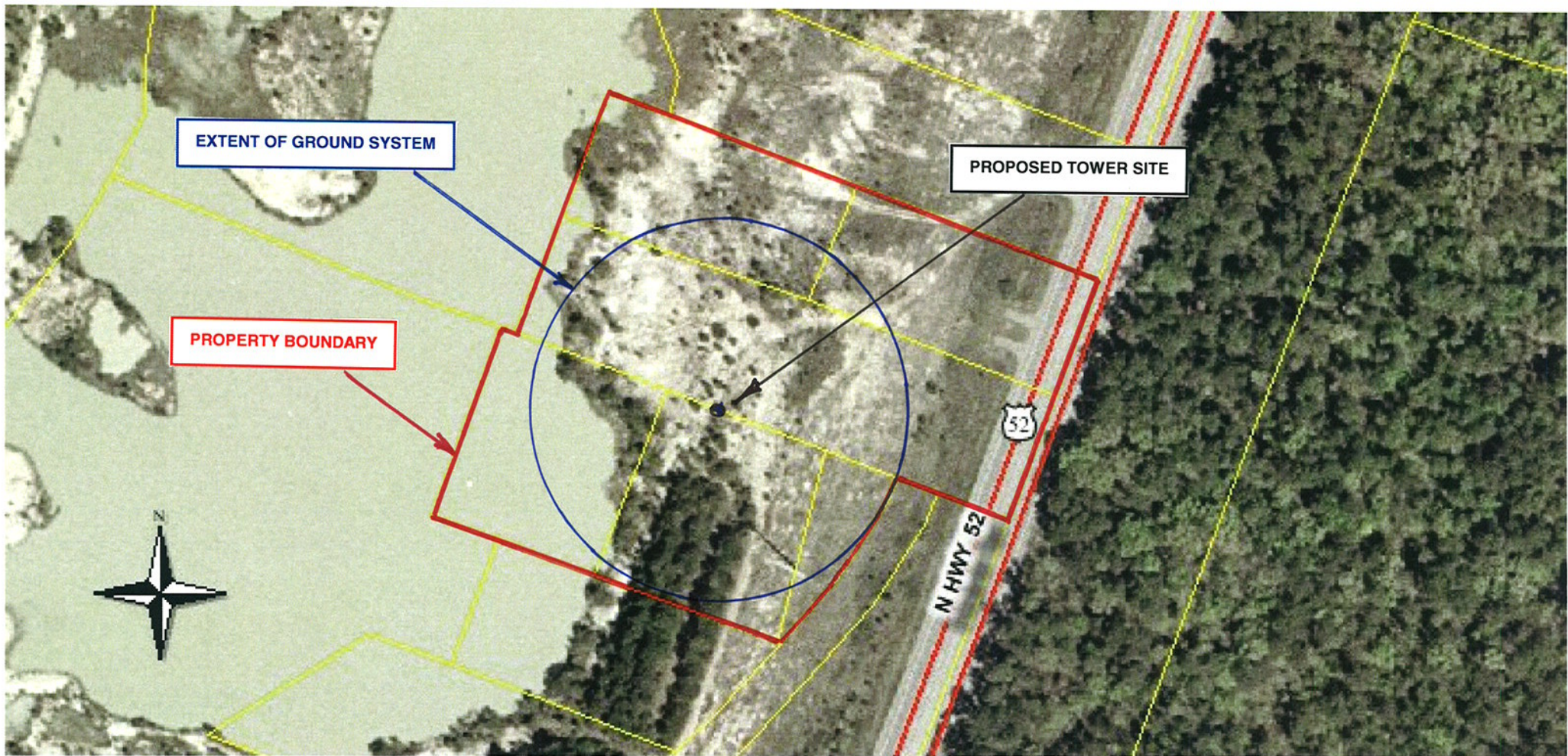
EXHIBIT #1H

Facilities Close to Proposed WEAF

ID Stations Study at 33 27 03 N, 78 58 58 W, Search Distance = 16 km

Call	Service	City	State	Chan.	Power	Coordinates	Dist-km	Azimuth	File Number
AM-----									
None Found									
FM-----									
WLFF	M	Georgetown	SC	293C2	0050.000kW	332620N 790811W	014.3	264.7	BLH19880726KA FM
WMBJ	M	Murrells Inle	SC	202A	0001.800kW	332635N 790821W	014.6	266.6	BLED20040630ABI FM
W227BK	X	Surfside Beac	SC	227D	0000.027kW	333446N 790057W	014.6	347.9	BLFT20070830ACB FM
TV-----									
AP377	V	Myrtle Beach	SC	32Z2C	5000.000kW	333207N 790350W	012.0	321.3	BPCT19960920IK TV

Proposed Ground System



Berkeley County GIS 2009

0 268ft

EXHIBIT #11
MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
has: 1130 kHz - 0.007/5.0 kW ND
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April 2009

Program **FIGURE 8** calculates the Inverse Distance Field for AM broadcast stations with frequencies between **530** and **1700 kHz**. The program is a computer version of Figure 8 of Section 73.190 of the FCC Rules.

The Inverse Distance Fields calculated here are in **mV/m at 1 Degrees**.

Frequency:	1120.00 kHz
Number of Radials:	120 radials
Correction for number of radials:	0.0000 mV/m @ 1 Kilometer
Average Length of Ground Radials:	66.918 meters 219.547 feet 0.250 wavelengths 90.000 degrees
Correction factor for length:	0.0000 mV/m @ 1 Kilometer
Wavelength:	267.672 meters 878.189 feet
Tower Height:	60.672 meters 199.056 feet 0.227 wavelengths 81.600 degrees

Predicted Field Strength from Figure 8, Section 73.190:

(Metric units)

	Theoretical Field	Corrected Field	
At 1.00 kW :	300.143	300.143	mV/m @ 1 KILOMETER
At 0.35 kW :	177.567	177.567	mV/m @ 1 KILOMETER

(English units)

	Theoretical Field	Corrected Field	
At 1.00 kW :	186.500	186.500	mV/m @ 1 MILE
At 0.35 kW :	110.335	110.335	mV/m @ 1 MILE

EXHIBIT #1J
MINOR CHANGE APPLICATION
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SAINT STEPHEN, SOUTH CAROLINA
April 2009

Output from NADCON for station WEAF

North American Datum Conversion

NAD 83 to NAD 27

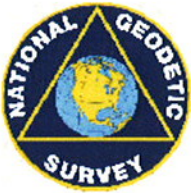
NADCON Program Version 2.11

=====

Transformation #: 1

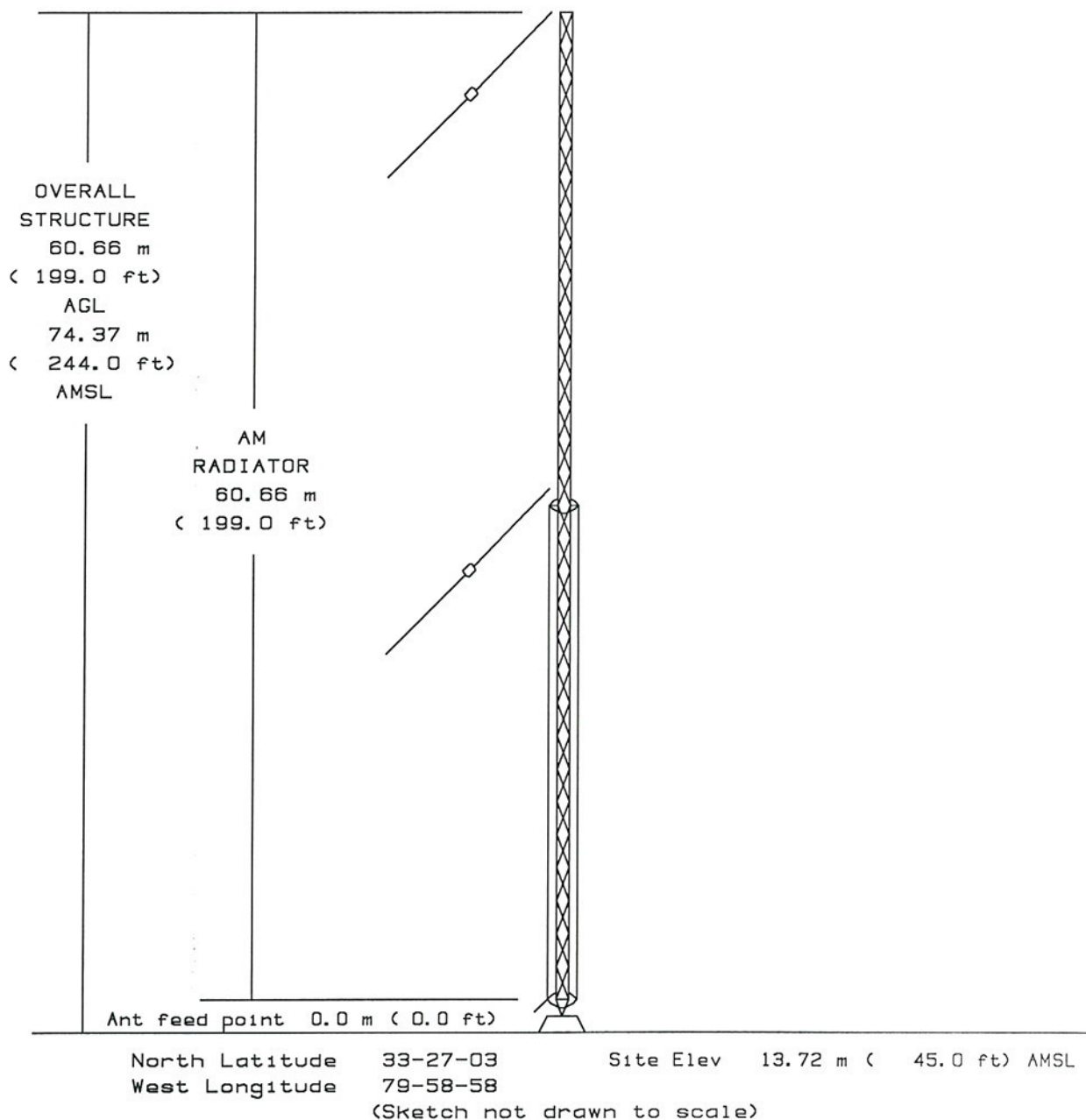
Region: Conus

	Latitude	Longitude
NAD 27 datum values:	33 27 2.79778	79 58 57.81998
NAD 83 datum values:	33 27 3.40000	79 58 57.10000
NAD 27 - NAD 83 shift values:	-0.60222	0.71998 (secs.)
	-18.554	18.595 (meters)
Magnitude of total shift:		26.268 (meters)



[NGS HOME PAGE](#)

EXHIBIT #1K
MINOR CHANGE APPLICATION
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April 2009



VERTICAL PLAN SKETCH

SITE ELEVATION - 14 m (45 ft) AMSL
TOP OF STRUCTURE - 61 m (199 ft) AGL
74 m (244 ft) AMSL
AM Radiator - 61 m (199 ft)

FIGURES ROUNDED TO NEAREST METER (FOOT).

EXHIBIT #1L
MINOR CHANGE APPLICATION
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CAMDEN, SOUTH CAROLINA
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SAINT STEPHEN, SOUTH CAROLINA
April 2009

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

TOWAIR Determination Results

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.

Your Specifications

NAD83 Coordinates

Latitude	33-27-03.4 north
Longitude	079-58-57.1 west

Measurements (Meters)

Overall Structure Height (AGL)	60.7
Support Structure Height (AGL)	60.7
Site Elevation (AMSL)	13.7

Structure Type

TOWER - Free standing or Guyed Structure used for Communications Purposes

EXHIBIT #1M
MINOR CHANGE APPLICATION
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April 2009

Notice Criteria Tool

The requirements for filing with the Federal Aviation Administration for proposed structures vary based on a number of factors: height, proximity to an airport, location, and frequencies emitted from the structure, etc. For more details, please reference [CFR Title 14 Part 77.13](#).

You must file with the FAA at least 30 days prior to construction if:

- your structure will exceed 200ft above ground level
- your structure will be in proximity to an airport and will exceed the slope ratio
- your structure involves construction of a traverseway (i.e. highway, railroad, waterway etc...)
- your structure will emit frequencies, and does not meet the conditions of the [FAA Co-location Policy](#)
- your structure will be in an instrument approach area and might exceed part 77 Subpart C
- your structure will be on an airport or heliport

If you require additional information regarding the filing requirements for your structure, please identify and contact the appropriate FAA representative using the [Air Traffic Areas of Responsibility map](#) for Off Airport construction, or contact the [FAA Airports Region / District Office](#) for On Airport construction.

The tool below will assist in applying the appropriate slope calculations per part 77.13(a)(2)(i) through (iii)

Latitude:	<input type="text" value="33"/> Deg <input type="text" value="27"/> M <input type="text" value="03.4"/> S N <input type="button" value="↔"/>
Longitude:	<input type="text" value="79"/> Deg <input type="text" value="58"/> M <input type="text" value="57.1"/> S W <input type="button" value="↔"/>
Horizontal Datum:	NAD83 <input type="button" value="↔"/>
Site Elevation (SE):	<input type="text" value="45"/> (nearest foot)
Structure Height (AGL):	<input type="text" value="199"/> (nearest foot)

Results

You do not exceed Notice Criteria.

EXHIBIT #1N
MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
has: 1130 kHz - 0.007/5.0 kW ND
CAMDEN, SOUTH CAROLINA
req: 1120 kHz - 0.35 kW NDD
SAINT STEPHEN, SOUTH CAROLINA
April 2009

Topographic Map Depicting Proposed WEA F Site

EXHIBIT #10
MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
has: 1130 kHz - 0.007/5.0 kW ND
CAMDEN, SOUTH CAROLINA
req: 1120 kHz - 0.35 kW NDD
SAINT STEPHEN, SOUTH CAROLINA
April 2009

WEAF NEW SITE
N. LAT. 33-27-03
W. LONG. 79-58-58
NAD '27
Site Elevation: 45 ft