

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 Facility - Dashed Line

WEAF - Springdale, SC

Freq: 1130 kHz
Class: D
Latitude: 33-57-34 N
Longitude: 081-02-28 W
Power: 1 kW
RMS: 334.8 mV/m @ 1km
Towers: 1
Proposed Facility - Solid Line

2.0 mV/m Service Loss / Gain

2.0 mV/m Service Loss
54,579 Persons (2000 Census)
over 1,826 sq. km.

2.0 mV/m Service Gain
333,936 Persons (2000 Census)
over 969 sq. km.

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

EXHIBIT #7A

**AMEND BP-20070119AAM
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
1130 KHZ - 0.009/1.0 KW ND
SPRINGDALE, SOUTH CAROLINA
July 2007**

Scale 1:500,000

0 7 14 21 km

WEAF - Camden, SC

Freq: 1130 kHz
Class: D
Latitude: 34-15-32 N
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Power: 5 kW
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Present Facility - Dashed Line

WEAF - Springdale, SC

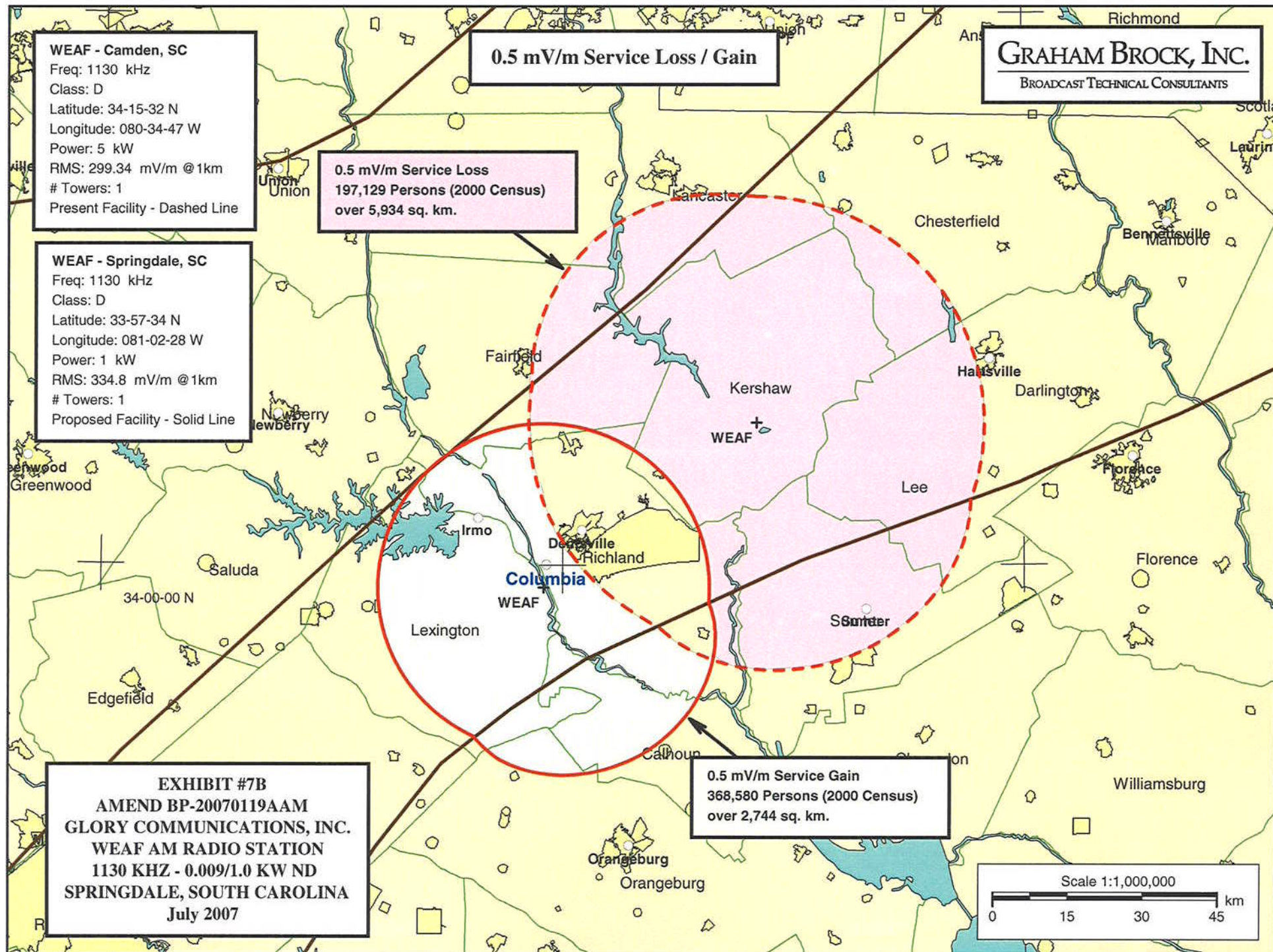
Freq: 1130 kHz
Class: D
Latitude: 33-57-34 N
Longitude: 081-02-28 W
Power: 1 kW
RMS: 334.8 mV/m @1km
Towers: 1
Proposed Facility - Solid Line

0.5 mV/m Service Loss / Gain

0.5 mV/m Service Loss
197,129 Persons (2000 Census)
over 5,934 sq. km.

0.5 mV/m Service Gain
368,580 Persons (2000 Census)
over 2,744 sq. km.

EXHIBIT #7B
AMEND BP-20070119AAM
GLORY COMMUNICATIONS, INC.
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SPRINGDALE, SOUTH CAROLINA
July 2007



PRESENT FACILITY 0.5 mV/m LOSS AREA SERVICES

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

- FM - 1.0 mV/m CLASS REFERENCE DISTANCE
■ AM - 0.5 mV/m RURAL PRIMARY SERVICE

WEAF - 0.5 mV/m LOSS AREA

EXHIBIT #7C
AMEND BP-20070119AAM
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
1130 KHZ - 0.009/1.0 KW ND
SPRINGDALE, SOUTH CAROLINA
July 2007

Scale 1:1,500,000

0 20 40 60 km

A horizontal number line is shown with tick marks at 0, 20, 40, and 60. The unit is labeled 'km' at the right end. The segment between 10 and 40 is shaded with a light gray background.

AMEND BP-20070119AAM
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
July 2007

EXHIBIT #7C1

Stations Providing Service to Loss Area

FM Stations

Call	Channel	City, State
WEGX	225C	Dillon, South Carolina
WICI-FM	234C3	Sumter, South Carolina
WIBZ	238A	Wedgefield, South Carolina
WCOS-FM	248C1	Columbia, South Carolina
WBZF	253A	Hartsville, South Carolina
WWDN	267C	Sumter, South Carolina
WMXT	271C2	Pamplico, South Carolina
WPUB-FM	274A	Camden, South Carolina
WJMX-FM	277C2	Cheraw, South Carolina
WSOC-FM	279C	Charlotte, South Carolina
WNOK	284C1	Columbia, South Carolina
WDAR-FM	288C3	Darlington, South Carolina
WNMX-FM	291C2	Waxhaw, South Carolina
WTCB	294C1	Orangeburg, South Carolina

AM Stations

Call	Frequency	City, State
WCEO	840 kHz	Columbia, South Carolina
WBAJ	890 kHz	Blythewood, South Carolina
WBT	1110 kHz	Charlotte, North Carolina
WAVO	1150 kHz	Rock Hill, South Carolina
WAGL	1560 kHz	Lancaster, South Carolina

PROPOSED FACILITY 0.5 mV/m GAIN AREA SERVICES

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

- FM - 1.0 mV/m CLASS REFERENCE DISTANCE
- AM - 0.5 mV/m RURAL PRIMARY SERVICE

WEAF - 0.5 mV/m GAIN AREA

EXHIBIT #7D
AMEND BP-20070119AAM
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
1130 KHZ - 0.009/1.0 KW ND
SPRINGDALE, SOUTH CAROLINA
July 2007

Scale 1:1,500,000
0 20 40 60 km



AMEND BP-20070119AAM
MINOR CHANGE APPLICATION
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
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EXHIBIT #7D1

Stations Providing Service to the Gain Area

FM Stations

Call	Channel	City, State
WCOS-FM	248C1	Columbia, South Carolina
WWDM	267C	Sumter, South Carolina
WNOK	284C1	Columbia, South Carolina
WTCB	294C1	Orangeburg, South Carolina

AM Stations

Call	Frequency	City, State
WBAJ	890 kHz	Blythewood, South Carolina

**WEAF PROPOSED 5.0 mV/m COVERAGE
OVER THE COLUMBIA URBANIZED AREA**

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

COLUMBIA URBANIZED AREA

Richland

WEAF

Lexington

WEAF PROPOSED 5.0 mV/m CITY GRADE CONTOUR

EXHIBIT #7E
AMEND BP-20070119AAM
GLORY COMMUNICATIONS, INC.
WEAF AM RADIO STATION
1130 KHZ - 0.009/1.0 KW ND
SPRINGDALE, SOUTH CAROLINA
July 2007

COLUMBIA URBANIZED AREA POPULATION:
419,251 Persons
707.65 sq. km.
**WEAF PROPOSED 5.0 mV/m SERVICE
TO THE COLUMBIA URBANIZED AREA:**
118,675 Persons (45%)
259.33 sq. km (36.6%)

POPULATION FIGURES - 2000 CENSUS

Scale 1:350,000

0 5 10 15 km

**Audio Division**

(202)-418-2700

Distance, Bearing Between Two Sets of Coordinates[FCC > MB > Audio Division > Distance Computations and Find Terminal Coordinates](#)[FCC site map](#)**Find Distance and Azimuths Between 2 Sets of Coordinates -- Results****Distance between****N Latitude 33 57 33.00, W Longitude 81 6 33.00 (Point 1)****and N Latitude 34 0 2.00, W Longitude 81 2 6.00 (Point 2)****8.242 kilometers; 5.121 miles**

Azimuth from point 1 to point 2 = 56.04°

Azimuth from point 2 to point 1 = 236.08°

[Another Distance Computation?](#)Use [Sprong](#) to find the terminal or end coordinates, given a bearing and a distance.This program is located at <http://www.fcc.gov/fcc-bin/audio/distance.html>
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Federal Communications Commission
445 12th Street SW
Washington, DC 20554
[More FCC Contact Information...](#)

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EXHIBIT #7F
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