

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 #5

§307(b) Comparison - Camden / Saint Stephen, South Carolina

This application seeks to change the community of license of WEAf, 1130 kHz, from Camden, South Carolina to Saint Stephen, South Carolina using the city of license change procedures, as outlined in MB Docket #05-210, released November 29, 2006. This is a review of the proposed change and demonstrates compliance with the Commission's new rules and procedures for a change of community of license.

The proposed facility at Saint Stephen, South Carolina is mutually exclusive with the licensed WEAf facility at Camden, South Carolina. WEAf is not the only station presently licensed to Camden, South Carolina. AM Station WCAM, 1590 kHz, and FM station WPUB-FM, Channel 274A, are both licensed to the community. As a result of the proposed change, the community of Saint Stephen will receive its first locally licensed/operational station without depriving Camden of its only local service.

Exhibit #1B2 is a coverage map for WEAf at Saint Stephen, South Carolina showing the proposed facility will provide a 5.0 mV/m contour over all of the proposed new community of license. The proposed site will be the site of a new tower structure, which will be unlit and is not of sufficient height to require FAA clearance or FCC registration.

Therefore, GCI proposes the following:

Camden, South Carolina

Present	Proposed
WEAF, WCAM, WPUB-FM	WCAM, WPUB-FM

Saint Stephen, South Carolina

Present	Proposed
WTUA, 291A	WEAF

As shown in Exhibit #5A, the existing WEAFF at Camden, South Carolina provides a 2.0 mV/m contour to 54,579 persons over 1,826 square kilometers and a 0.5 mV/m contour to 345,927 persons over 6,932 square kilometers. The proposed WEAFF at Saint Stephen will provide a 2.0 mV/m contour to 16,511 persons over 1,128 square kilometers and a 0.5 mV/m contour to 79,391 persons over 3.921 square kilometers. WEAFF is proposing no nighttime operation.

As a result of the relocation, loss and gain areas are created. Exhibit #5B is a depiction of the authorized daytime AM and FM services in the WEAFF loss area. Exhibit #5B1 is a tabulation of the daytime stations providing service to the loss area. Exhibit #5C is a map which depicts the authorized daytime AM and FM services in the WEAFF gain area. A tabulation of the daytime stations providing service to the gain area is attached as Exhibit #5C1.¹

1) To determine services, commercial and non-commercial AM and FM stations in the area were reviewed. For FM commercial stations, maximum facilities were used for each Class, except Class A and Class C facilities. Some Class A stations were considered 3.0 kilowatt Class A stations, while others were depicted as 6.0 kilowatt Class A stations, based on their operating facilities, or spacing review. Class C FM stations were considered, based on the reference contour determined by the station's licensed power and height, at either minimum Class C (83.5 kilometers) or licensed facility if greater. Any non-commercial FM station's 60 dBu reference contour was determined from its licensed facility, based on the reference distance, which was determined by power and HAAT of the facility. All FM contours assumed uniform terrain.

Exhibit #5D is a depiction of the stations providing protected service to Camden, South Carolina. Exhibit #5D1 is a tabulation of those stations.² Exhibit #5E is a depiction of the stations providing protected service to the proposed community of license of Saint Stephen. Exhibit #5E1 provides a tabulation of those stations.³

Saint Stephen is a community deserving of a locally license station. By changing its community of license and relocating, the proposed WEAJ would provide that service to Saint Stephen. Saint Stephen was incorporated in 1955 and has a population of 2,877.⁴ It has a Town Council with a Mayor and six Council Members. Saint Stephen has a Town Hall with its own Municipal Court and Clerk of the Court. Saint Stephen has its own Police Department and a Public Works Department that provides curbside trash collection and maintenance for the city parks and streets. The community also has many businesses and churches that are identified by the use of "Saint Stephen" in their name.⁵

Saint Stephen is located in the Columbia, South Carolina Urbanized Area and an analysis to show independence from Columbia is included elsewhere in this submission.

St. Stephen is not located in any Urbanized Area.

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- 2) As the population of Camden is more than 2,500 persons, the 2.0 mV/m contour for AM stations was depicted.
 - 3) As the population of Saint Stephen is less than 2,500 persons, the 0.5 mV/m contours for AM stations was depicted.
 - 4) 2000 U.S. Census
 - 5) This application provides replacement service for WTUA, which seeks to change its city of license to Pinopolis, South Carolina in a contingent application.

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 - 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 Facility - Solid Line

Service Loss / Gain**GRAHAM BROCK, INC.**

BROADCAST TECHNICAL CONSULTANTS

2.0 mV/m Service Loss
54,579 Persons (2000 Census)
1,826 sq. km.
0.5 mV/m Service Loss
345,927 Persons (2000 Census)
6,932 sq. km.

2.0 mV/m Service Gain
16,511 Persons (2000 Census)
1,128 sq. km.
0.5 mV/m Service Gain
79,391 Persons (2000 Census)
3,921 sq. km.

EXHIBIT #5A
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Scale 1:1,500,000

0 20 40 60 km

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

WEAF
WCOS-FM
WNOK
WTCB
WWDW
WEGX
WSOC-FM
WBZF
WDAR-FM
WIBZ
WICI-FM
WJMX-FM
WMXT
WNMX-FM
WPUB-FM
WBAJ
WAGL
WAVO
WBT
WCEO

EXHIBIT #5B
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Scale 1:1,500,000

0 20.0 40.0 60 km

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EXHIBIT #5B1

Stations Providing Service to Loss Area

FM Stations

<u>Call</u>	<u>Channel</u>	<u>City, State</u>
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

<u>Call</u>	<u>Frequency</u>	<u>City, State</u>
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.

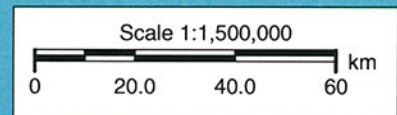
BROADCAST TECHNICAL CONSULTANTS

- WEAF
- WIWF
- WWDM
- WSSX-FM
- WAVF
- WEZL
- WIHB
- WMBY
- WXLY
- WXST
- WYAV
- WAZS-FM
- WLJI
- WMXT
- WRZE
- WAZS
- WDKD
- WQIZ
- WYMB

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

WEAF - 0.5 mV/m GAIN AREA

EXHIBIT #5C
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EXHIBIT #5C1

Stations Providing Service to Gain Area

FM Stations

<u>Call</u>	<u>Channel</u>	<u>City, State</u>
WIWF	245C	Charleston, South Carolina
WWDM	2267C	Sumter, South Carolina
WSSX	236C0	Charleston, South Carolina
WAVF	269C1	Hanahan, South Carolina
WEZL	278C1	Charleston, South Carolina
WIHB	223C1	Moncks Corner, South Carolina
WMYB	221C1	Myrtle Beach, South Carolina
WXLY	273C1	North Charleston, South Carolina
WXST	259C1	Hollywood, South Carolina
WYAV	281C1	Myrtle Beach, South Carolina
WAZS-FM	255C2	McClellanville, South Carolina
WLJI	252C2	Summerton, South Carolina
WMXT	271C2	Pamplico, South Carolina
WRZE	231A	Kingstree, South Carolina

AM Stations

<u>Call</u>	<u>Frequency</u>	<u>City, State</u>
WAZS	980 kHz	Summerville, South Carolina
WDKD	1310 kHz	Kingstree, South Carolina
WQIZ	810 kHz	St. George, South Carolina
WYMB	970 kHz	Manning, South Carolina

FACILITIES PRESENTLY SERVING CAMDEN, SC

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

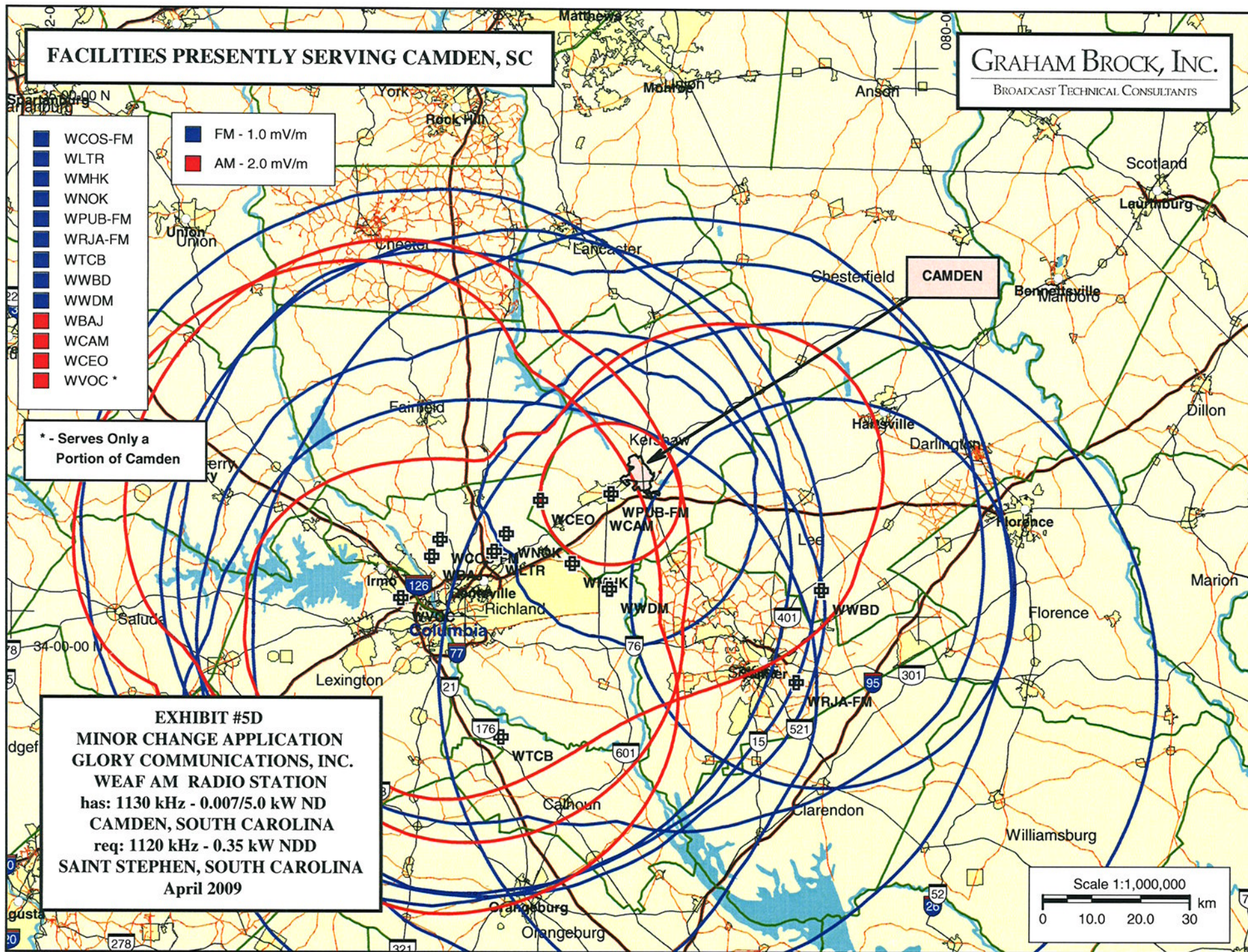
WCOS-FM
WLTR
WMHK
WNOK
WPUB-FM
WRJA-FM
WTCB
WWBD
WWDM
WBAJ
WCAM
WCEO
WVOC *

FM - 1.0 mV/m
AM - 2.0 mV/m

* - Serves Only a
Portion of Camden

EXHIBIT #5D
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Scale 1:1,000,000
0 10.0 20.0 30 km



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EXHIBIT #5D1

Stations Providing Protected Service to Camden, South Carolina

FM Stations

<u>Call</u>	<u>Channel</u>	<u>City, State</u>
WCOS-FM	248C1	Columbia, South Carolina
WLTR	217C1	Columbia, South Carolina
WMHK	209C	Columbia, South Carolina
WNOK	284C1	Columbia, South Carolina
WPUB	274A	Camden, South Carolina
WRJA-FM	201C	Sumter, South Carolina
WTCB	294C1	Orangeburg, South Carolina
WWBD	234C3	Sumter, South Carolina
WWDM	267C	Sumter, South Carolina

AM Stations

<u>Call</u>	<u>Frequency</u>	<u>City, State</u>
WBAJ	890 kHz	Blythewood, South Carolina
WCAM	1590 kHz	Camden, South Carolina
WCEO	840 kHz	Columbia, South Carolina
WVOC	560 kHz	Columbia, South Carolina

FACILITIES PRESENTLY SERVING ST. STEPHEN, SC

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

ST. STEPHEN

WIWF
WRJA-FM
WSCI
WSSX-FM
WAVF
WIHB
WKCL
WAZS-FM
WALD
WAZS
WDKD
WHYM
WJKB
WJMX *
WLTQ
WPOG
WQIZ
WYMB

FM - 1.0 mV/m
AM - 0.5 mV/m

* - Serves Only a Portion of St. Stephen

EXHIBIT 5E
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Scale 1:622,222

0 8 16 24 km

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EXHIBIT #5E1

Stations Providing Protected Service to St. Stephen, South Carolina

FM Stations

<u>Call</u>	<u>Channel</u>	<u>City, State</u>
WIWF	245C	Charleston, South Carolina
WRKA-FM	201C	Sumter, South Carolina
WSCI	207C	Charleston, South Carolina
WSSX-FM	236C0	Charleston, South Carolina
WAVF	269C1	Hanahan, South Carolina
WIHB	223C1	Moncks Corner, South Carolina
WKCL	218C1	Ladson, South Carolina
WAZS-FM	255C2	McClellanville, South Carolina

AM Stations

<u>Call</u>	<u>Frequency</u>	<u>City, State</u>
WALD	1080 kHz	Johnsonville, South Carolina
WAZS	980 kHz	Summerville, South Carolina
WDKD	1310 kHz	Kingstree, South Carolina
WHYM	1260 kHz	Lake City, South Carolina
WJKB	950 kHz	Moncks Corner, South Carolina
WJMX *	970 kHz	Florence, South Carolina
WLTQ	730 kHz	Charleston, South Carolina
WPOG	710 kHz	St. Matthews, South Carolina
WQIZ	810 kHz	St. George, South Carolina
WYMB	920 kHz	Manning, South Carolina

* Serves Only a Portion of St. Stephen