

**MINOR CHANGE/ONE STEP APPLICATION**  
**CITY OF LICENSE CHANGE**  
**MILLER COMMUNICATIONS, INC.**  
**WIGL (FM) RADIO STATION**  
**CH 230C3 - 93.9 MHZ - 8.9 KW**  
**WINNSBORO, SOUTH CAROLINA**  
**April 2008**

**EXHIBIT C**

**City of License Change Review**

This application seeks to change the community of license of WIGL, Channel 230A, from Saint Matthews, South Carolina to Winnsboro, South Carolina and upgrade to Channel 230C3, using the city of license change procedures, as outlined in MB Docket 05-210, released November 29, 2006. MCI herein reviews the proposed change and demonstrates compliance with the Commission's rules/procedures for a change.

As indicated on Exhibit A, from the proposed allocation site for WIGL at Winnsboro, South Carolina, Channel 230C3 meet the Commission's minimum distance separation requirements to all other licensed, applied for, or proposed facilities pursuant to §73.207, with the exception of the current WIGL licensed facility and the licensed facility for WKSL, Channel 230C, Burlington, North Carolina.<sup>1</sup> The proposed allotment at Winnsboro, South Carolina is also mutually exclusive with the authorized WIGL site at St. Mathews, South Carolina. WIGL is not the only station licensed to St. Matthews, South Carolina. WPOG, 710 kHz, is also licensed to St. Matthews, South Carolina. Therefore, the relocation of WIGL to Winnsboro will not

---

1) WKSL was ordered to Channel 230C, Cary, North Carolina in MB Docket# 04-429 and holds a construction permit BPH-20051003BFZ, which is fully spaced to this proposal. As such, the licensed WKSL facility is not considered an impediment to this minor change proposal.

remove the sole service from St. Matthews. As a result of the proposed change, the community of Winnsboro will receive its first operational service.

Therefore, MCI proposes the following:

**Saint Matthews, South Carolina**

Present	Proposed
230A, WPOG AM	WPOG AM

**Winnsboro, South Carolina**

Present	Proposed
None	230C3

The proposed allocation site for Channel 230C3 at Winnsboro, South Carolina is removed from the authorized site for WIGL to accommodate the change in community of license and upgrade.<sup>2</sup> The authorized WIGL site at Saint Matthews, South Carolina provides a 70 dBu contour signal to 15,328 persons over 814.3 square kilometers, and a 60 dBu contour signal to 97,679 persons over 2,516.1 square kilometers.<sup>3</sup> The proposed WIGL allocation site in Winnsboro, South Carolina will provide a 70 dBu service to 47,167 people over 1,690.9 square kilometers and the 60 dBu contour will serve 224,479 people over 4,656.6 square kilometers. The relocation will create a loss of service to 97,679 persons over 2,516.1 square kilometers and a gain of service to 224,479 people over 4,656.6 square kilometers.

---

2) All allocation comparison data is based on uniform terrain and 2000 US Census population.

3) Based on the proposed relocation, there is only a slight (1.0 kilometer) area in common between the existing WIGL 60 dBu contour and the proposed WIGL 60 dBu contour at Winnsboro, with no population in the common area.

A map depicting the proposed service contours of WIGL at Winnsboro, South Carolina, from the implementation site, is attached as Exhibit C1. The proposed facility will provide 60 dBu service to 221,931 persons in 4,786.2 square kilometers and 70 dBu service to 37,481 persons in 1,668.4 square kilometers (assuming actual terrain conditions).

Exhibit C2 is a depiction of the authorized services in the WIGL loss area. Exhibit C3 is a tabulation of the stations in the loss area. Exhibit C4 is a depiction of the authorized stations in the WIGL gain area. Exhibit C5 is a tabulation of those stations. The tabulations indicate there are a minimum of five stations in both the loss and gain areas.<sup>4</sup> The overall gain is to 126,800 persons (129.8% increase).<sup>5</sup>

Exhibit C6 is a map depicting the existing stations providing protected service to the community of Winnsboro, South Carolina. Attached as Exhibit C7 is a tabulation of the stations providing protected service to the community of Winnsboro, South Carolina.<sup>6</sup>

Winnsboro, South Carolina is not located in an Urbanized Area, as designated by the United States Census. From the proposed site for WIGL, the non-terrain impacted 70 dBu signal

- 
- 4) To determine services, all AM stations, as well as commercial and non-commercial FM stations in the area, were reviewed. For AM Class A stations, the nighttime 0.5 mV/m contour was used for a service contours; all other AM stations' nighttime interference free signals were calculated and used for service contributions. For FM commercial stations, maximum facilities were used for each Class, except Class A 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 stations were projected based on licensed facilities, as built, no terrain. 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. The FM contours assumed uniform terrain.
  - 5) There are additional services, but they were not considered, since five were already identified.
  - 6) The signal threshold for primary service to the community of Winnsboro is 60 dBu for FM stations and 0.5 mV/m for AM stations as defined by §73.182(c).

(from the allocation reference coordinates) will slightly penetrate the Columbia, South Carolina Urbanized Area covering 26.5% of the Urbanized Area population and 26.6% of the Urbanized Area land mass. Since the proposed new community of license is not located within the Urbanized Area, and the coverage to the area does not exceed the 50% threshold, a Tuck analysis showing Winnsboro is not required or included with this application.

Based on the foregoing, the proposed change of community of license for WIGL complies with the Commission's technical rules and regulations.



**WIGL Winnsboro SC**

Latitude: 34-21-47 N / Longitude: 080-54-40 W

ERP: 8.90 kW / Channel: 230 93.9 MHz

AMSL Height: 281.9 m

60 dBu Area: 4,786.2 sq. km.

60 dBu Pop: 221,931 (2000)

70 dBu Area: 1,668.4 sq. km.

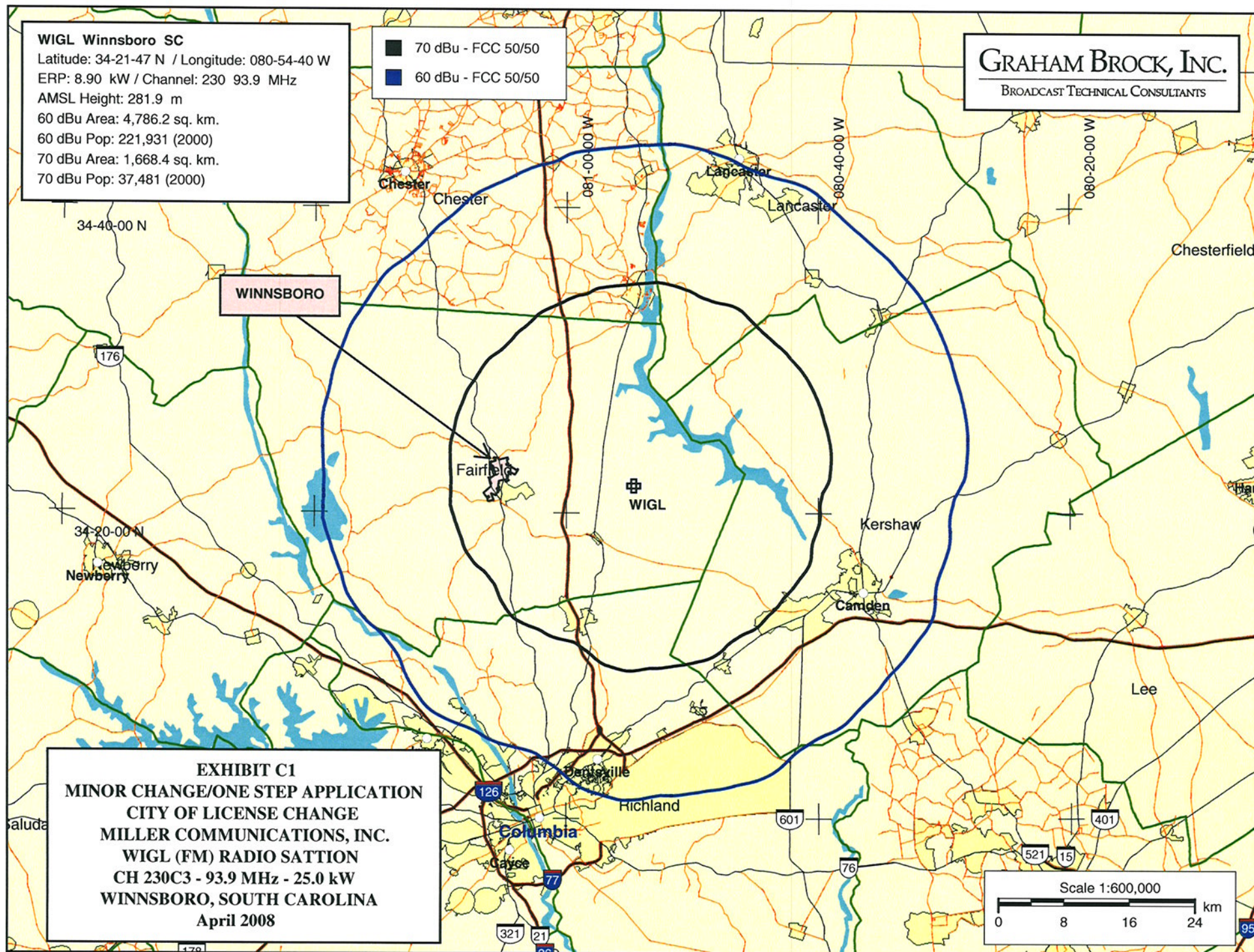
70 dBu Pop: 37,481 (2000)

70 dBu - FCC 50/50

60 dBu - FCC 50/50

**GRAHAM BROCK, INC.**

BROADCAST TECHNICAL CONSULTANTS

**EXHIBIT C1****MINOR CHANGE/ONE STEP APPLICATION****CITY OF LICENSE CHANGE****MILLER COMMUNICATIONS, INC.****WIGL (FM) RADIO STATION****CH 230C3 - 93.9 MHz - 25.0 kW****WINNSBORO, SOUTH CAROLINA****April 2008**



**WIGL St. Matthews SC - BLH20040820ABB**  
Latitude: 33-45-46 N / Longitude: 080-49-23 W  
ERP: 1.75 kW / Channel: 230 93.9 MHz  
AMS Height: 241.2 m

## WIGL LOSS AREA SERVICES

**GRAHAM BROCK, INC.**  
BROADCAST TECHNICAL CONSULTANTS

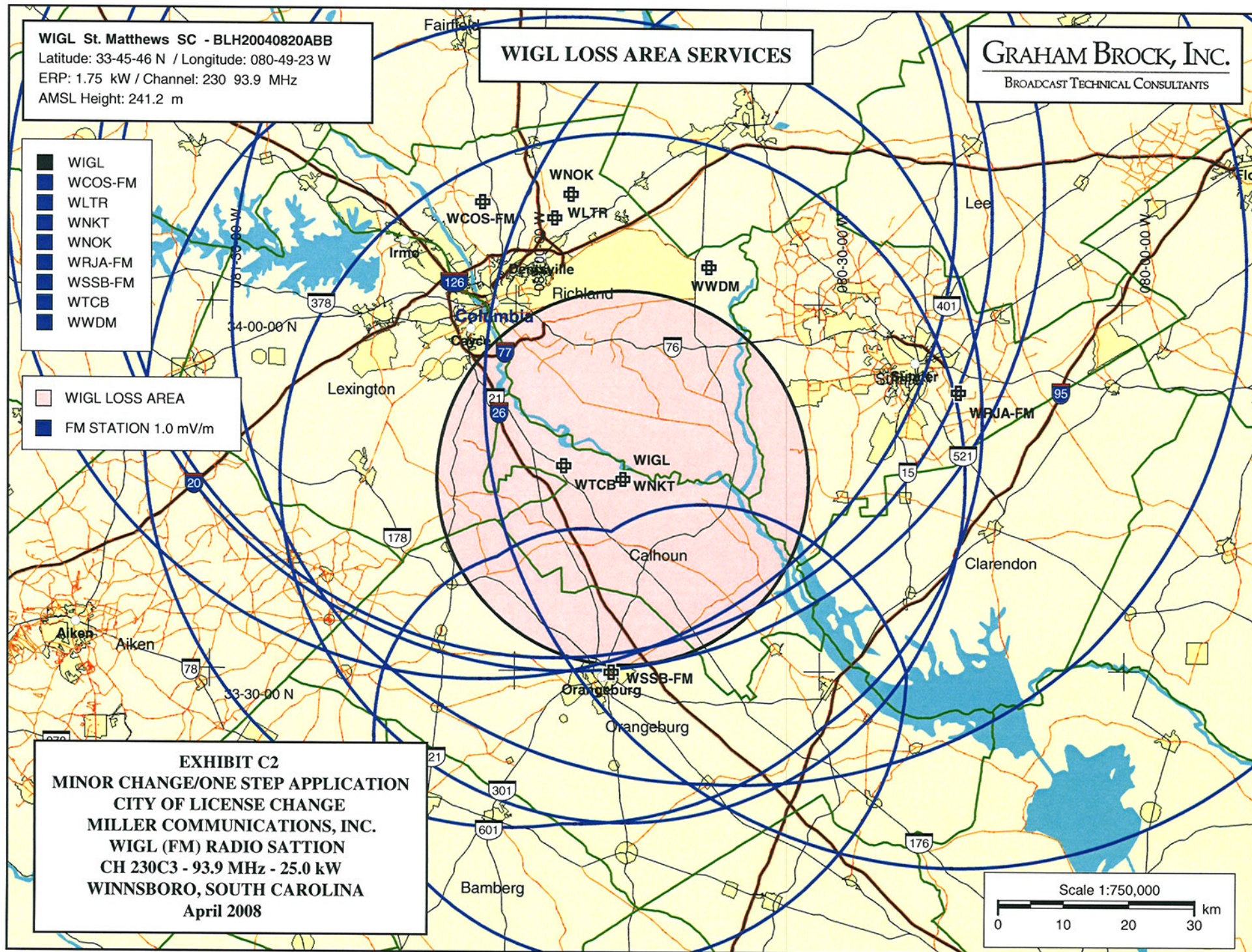
■ WIGL  
■ WCOS-FM  
■ WLTR  
■ WNKT  
■ WNOK  
■ WRJA-FM  
■ WSSB-FM  
■ WTCB  
■ WWDM

■ WIGL LOSS AREA

■ FM STATION 1.0 mV/m

**EXHIBIT C2**  
**MINOR CHANGE/ONE STEP APPLICATION**  
**CITY OF LICENSE CHANGE**  
**MILLER COMMUNICATIONS, INC.**  
**WIGL (FM) RADIO STATION**  
**CH 230C3 - 93.9 MHz - 25.0 kW**  
**WINNSBORO, SOUTH CAROLINA**  
**April 2008**

Scale 1:750,000  
0 10 20 30 km





**MINOR CHANGE/ONE STEP APPLICATION**  
**CITY OF LICENSE CHANGE**  
**MILLER COMMUNICATIONS, INC.**  
**WIGL (FM) RADIO STATION**  
**CH 230C3 - 93.9 MHZ - 8.9 KW**  
**WINNSBORO, SOUTH CAROLINA**  
**April 2008**

**EXHIBIT C3**

**Stations in Loss Area**

<b>Call</b>	<b>Channel</b>	<b>City, State</b>
WCOS-FM	248C1	Columbia, South Carolina
WLTR	217C1	Columbia, South Carolina
WNKT	298C2	Eastover, South Carolina
WNOK	284C1	Columbia, South Carolina
WRJA-FM	201C	Sumter, South Carolina
WTCB	294C1	Orangeburg, South Carolina
WWDM	267C	Sumter, South Carolina



**WIGL Winnsboro SC - Allocation Reference**

Latitude: 34-21-41 N / Longitude: 080-51-27 W

ERP: 25.00 kW / Channel: 230 93.9 MHz

AMSL Height: 208.39 m

**WIGL GAIN AREA SERVICES**

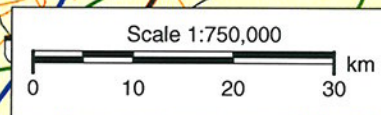
**GRAHAM BROCK, INC.**

BROADCAST TECHNICAL CONSULTANTS

- WIGL GAIN AREA
- FM STATION 1.0 mV/m
- Class A AM Station 0.5 mV/m

- WIGL
- WBAV-FM
- WBT-FM
- WCOS-FM
- WLTR
- WNOK
- WPUB-FM
- WWDM
- WWNU
- WBT - Day
- WBT - Night

**EXHIBIT C4**  
**MINOR CHANGE/ONE STEP APPLICATION**  
**CITY OF LICENSE CHANGE**  
**MILLER COMMUNICATIONS, INC.**  
**WIGL (FM) RADIO STATION**  
**CH 230C3 - 93.9 MHz - 25.0 kW**  
**WINNSBORO, SOUTH CAROLINA**  
**April 2008**





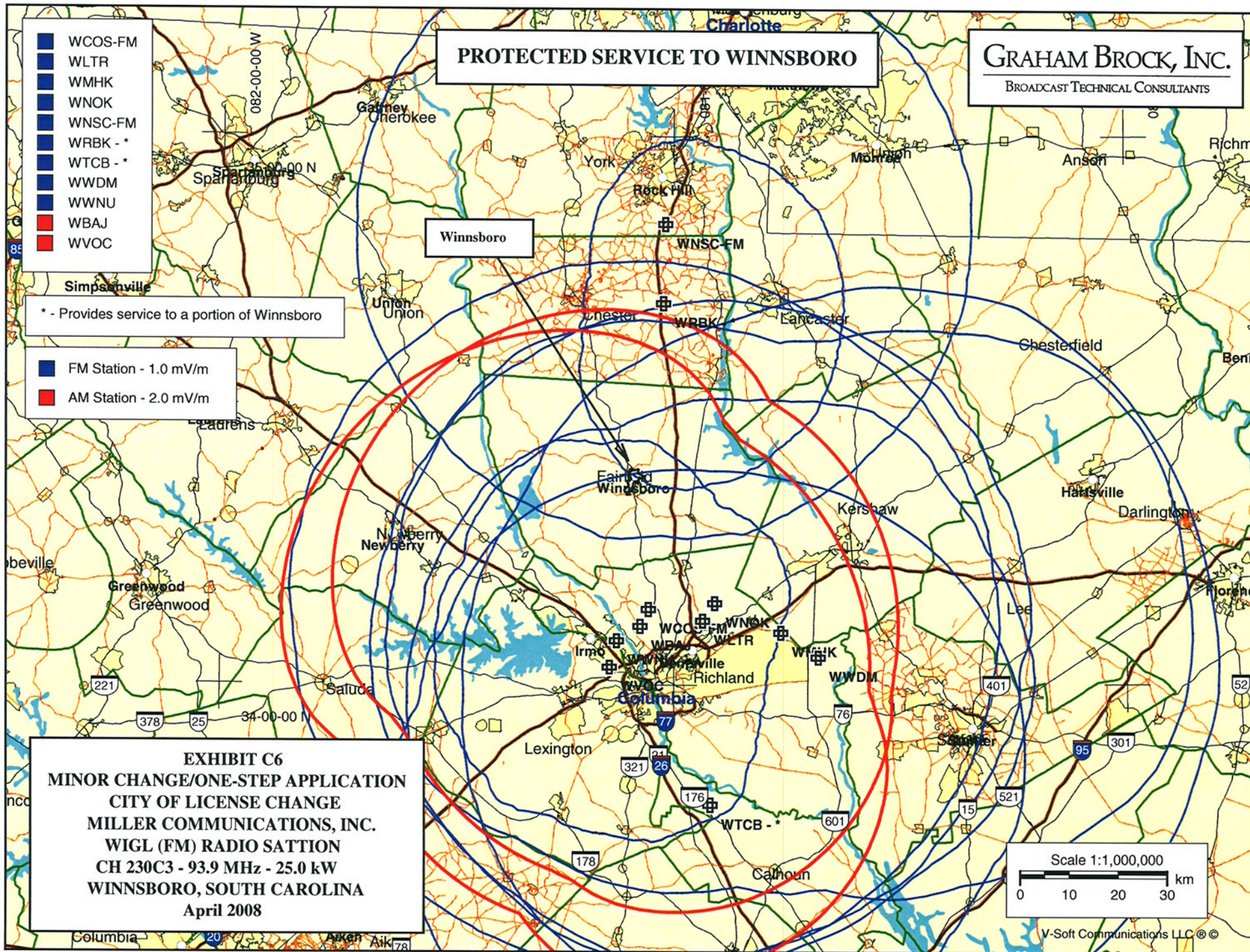
**MINOR CHANGE/ONE STEP APPLICATION**  
**CITY OF LICENSE CHANGE**  
**MILLER COMMUNICATIONS, INC.**  
**WIGL (FM) RADIO STATION**  
**CH 230C3 - 93.9 MHZ - 8.9 KW**  
**WINNSBORO, SOUTH CAROLINA**  
**April 2008**

**EXHIBIT C5**

**Stations in Gain Area**

<b>Call</b>	<b>Channel</b>	<b>City, State</b>
WBAV-FM	270C0	Gastonia, North Carolina
WBT-FM	257C3	Chester, South Carolina
WCOS-FM	248C1	Columbia, South Carolina
WLTR	217C1	Columbia, South Carolina
WNOK	284C1	Columbia, South Carolina
WPUB-FM	274A	Camden, South Carolina
WWDM	267C	Sumter, South Carolina
WWNU	221C3	Irmo, South Carolina
WBT (AM)	1100 kHz	Charlotte, North Carolina







**MINOR CHANGE/ONE STEP APPLICATION**  
**CITY OF LICENSE CHANGE**  
**MILLER COMMUNICATIONS, INC.**  
**WIGL (FM) RADIO STATION**  
**CH 230C3 - 93.9 MHZ - 8.9 KW**  
**WINNSBORO, SOUTH CAROLINA**  
**April 2008**

**EXHIBIT C7**

**Stations Providing Protected Service to Winnsboro, South Carolina**

**AM Stations**

<b>Call</b>	<b>Frequency</b>	<b>City, State</b>
WBAJ	890 kHz	Blythewood, South Carolina
WVOC	560 kHz	Columbia, South Carolina

**FM Stations**

<b>Call</b>	<b>Channel</b>	<b>City, State</b>
WCOS-FM	248C1	Columbia, South Carolina
WLTR	217C1	Columbia, South Carolina
WMHK	209C	Columbia, South Carolina
WNOK	284C1	Columbia, South Carolina
WNSC-FM	205C1	Rock Hill, South Carolina
* WRBK	212C3	Richburg, South Carolina
* WTCB	294C1	Orangeburg, South Carolina
WWDM	267C	Sumter, South Carolina
WWNU	221C3	Irmo, South Carolina

\* Provides service to a portion of Winnsboro