

**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**

This Technical Exhibit supports the minor change application by Glory Communications, Inc. ("GCI"), licensee of AM broadcast station WEAJ, 1130 kHz, Camden, South Carolina to change city of license from Camden, South Carolina to Springdale, South Carolina. WEAJ is presently authorized to operate at a site just east of Camden with a non-directional daytime power of 1.0 kilowatt with a limited nighttime power of 0.007 kilowatt (7 Watts). GCI proposes to relocate the WEAJ transmitting facility, co-locating with co-owned station WGCY, 620 kHz, Cayce, South Carolina. GCI proposes to maintain the daytime operating power at 1.0 kilowatt while slightly increasing the nighttime power to 0.009 kilowatt and maintaining the station as a Class D AM Broadcast facility.

GCI proposed to relocate WEAJ to Springdale, South Carolina using the one step application procedures as outlined in MB Docket #05-210 (released November 29, 2006). The proposal to relocate WEAJ to Springdale, South Carolina is mutually exclusive with the present WEAJ authorization in Camden, South Carolina. Exhibit #6 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.

GCI is proposing to operate WEAJ from an existing tower; therefore, the Federal Aviation Administration has not been apprised of this proposal. The WEAJ tower is registered with the Commission and has been assigned Antenna Structure Registration Number 1212033. Since the WEAJ site is the existing site of WGCY, 620 kHz, Cayce, South Carolina, a plat of the station property, site photographs, and ground system details are not included with this application, but they may be found in the WGCY FCC station file.

Due to the relatively close proximity of co-channel stations WFXH, Hilton Head Island, South Carolina and WLBA, Gainesville, Georgia, analysis of the ground conductivities along critical radials between the proposed WEAJ facility and these stations was necessary to establish the lack of prohibitive interference. Field measurements to establish ground conductivities from the proposed WEAJ site were previously conducted in conjunction with the recent power increase application filed by co-located station WGCY. These measurements and subsequent analysis were submitted with the BP-20031218AAY, December 2003, application for power increase for WGCY. The results of the analysis are tabulated in Exhibit #2F3.

New field measurements on the critical radial, 95° from WLBA toward the proposed WEAJ were conducted on January 4, 2007. A tabulation of the measurements and graphic analysis are included with this application. The ground conductivity analysis data along the pertinent radials were used in lieu of the ground conductivities extracted from FCC figure M-3 where appropriate. The field measurements were conducted by Lewis T Crain, AFAB

Enterprises, Inc., Landrum, South Carolina utilizing Potomac Instruments FIM-41, Serial Number 535, calibrated March 9, 2005. Mr. Crain's declaration specifying his participation is included with this application.

Exhibit #2A is a listing of all stations potentially impacted by the WEAFF proposed increase in power. The remainder of Exhibit #2 visually demonstrates the lack of interference during daytime hours to other stations, authorized or proposed, along with tabulations of the stations contours and ground conductivities included in the final analysis.

Exhibit #3 is a listing of stations operating during nighttime hours protected from interference by the proposed WEAFF nighttime facility along with the protection provided by WEAFF. Due to operation at less than 250 Watts, WEAFF remains a Class D facility. As such, there is no requirement to provide a nighttime interference free contour service to the proposed city of license, Springdale, South Carolina.

Exhibit #4 is a calculation of the Critical Hours limitations imposed on WEAFF by US Class A stations WBBR, New York, New York and KWKH, Shreveport, Louisiana. Canadian station CKWX, Vancouver, British Columbia, Canada was found to have no restrictive impact on the Critical Hours operation of WEAFF as proposed.

We have tried to be as accurate as possible in the preparation of this application. All information contained in this application was extracted from the CDBS database. We assume

no liability for omissions or errors in this database. Should there be any questions concerning the information contained herein, we welcome the opportunity to discuss the matter by phone at 912-638-8028 or by email at [stu@grahambrock.com](mailto:stu@grahambrock.com).