

**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**  
**SRQ RADIO, LLC**  
**WSRQ (AM) RADIO STATION**  
**1220 kHz - 0.15 kW - ND**  
**SARASOTA, FLORIDA**  
**January 2009**

This Technical Statement was prepared on behalf of SRQ Radio, LLC ("SRQ"), licensee of AM station WSRQ, 1220 kHz, Sarasota, Florida. SRQ herein requests Special Temporary Authority ("STA") to operate WSRQ non-directionally and at reduced power from the location authorized in BP-20060720AAL. Continued use of the present antenna site is impossible due to the loss of site lease and access. This STA request is for a period of 180 days. The applicant is currently off the air and requests this STA to restore service to the community.

SRQ requests authorization to operate WSRQ at 0.15 kilowatt, maintaining radiated field within the permitted 0.5 mV/m contour. The power of the station will be monitored by the indirect method, referencing the station's transmitter parameters.

It is proposed to install a vertical wire antenna on an existing tower owned by the licensee. The vertical wire will be 64.7° in electrical length (44.16 meters/145 feet in length) at the WSRQ frequency of 1220 kHz. Due to the relatively short height of the tower, neither FAA notification nor tower registration are required.

The tower and off-set vertical feed wire will be fenced at a minimum distance of 1.0 meter (3.3 feet) from the radiating wire and tower structure. Based on the guidelines of the OET

bulletin, at the WSRQ proposed power of 0.15 kilowatt, calculations indicate that 321.3 V/m and 0.538 A/m will be present at the fence perimeter. Since the frequency is below 1340 kHz, the electric field limits and magnetic field limits are the same for controlled and uncontrolled environments. These predictions represent 52.3% of the controlled environment electric field limit of 614 V/m and 33.0% of the controlled magnetic field limit of 1.63 A/m. In this case, the electric field contribution of 52.3% is considered as the worst case contribution.

Since this level is below the 100% limit defined by the Commission, this proposal is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, SRQ will verify that warning signs have been posted at the fence perimeter warning of potential radio frequency radiation hazards at the site. In addition, SRQ will reduce the power of the proposed facility or cease operation, in cooperation and coordination with other building/roof users, as necessary, to protect persons having access to the site, tower, or antenna from radio frequency radiation in excess of FCC guidelines.

It is anticipated that construction of the permitted facility will be completed as soon as practically possible, and an application will be filed to license the facility as specified in BP-20060720AAL.

We have tried to be as accurate as possible in the preparation of this request. All information contained herein was extracted from the CDBS database. We assume no liability for omissions or errors in this source.

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

**WSRQ - SARASOTA, FL**

Freq: 1220 kHz / Class: D  
Latitude: 27-19-19 N / Longitude: 082-24-27 W  
Power: 0.15 kW / RMS: 289.441 mV/m @ 1km  
# Towers: 1  
STA Request

**WSRQ - SARASOTA, FL**

Freq: 1220 kHz / Class: D  
Latitude: 27-19-19 N / Longitude: 082-24-27 W  
Power: 1 kW / RMS: 302.7 mV/m @ 1km  
# Towers: 2  
BP-20060720AAL

- STA Requested 0.5 mV/m  
■ BP-20060720AAL Authorized 0.5 mV/m

SARASOTA

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Scale 1:750,000

0 10 20 30 km

V-Soft Communications LLC ©

**AFFIDAVIT AND QUALIFICATIONS OF CONSULTANT**

*State of Georgia    )*  
*St. Simons Island    ) ss:*  
*County of Glynn    )*

**R. STUART GRAHAM**, being duly sworn, deposes and says that he is an officer of Graham Brock, Inc. Graham Brock has been engaged by SRQ Radio, LLC to prepare the attached Technical Exhibit.

His qualifications are a matter of record before the Federal Communications Commission. He is a graduate of Auburn University and has been active in Broadcast Engineering since 1972.

The attached report was either prepared by him or under his direction and all material and exhibits attached hereto are believed to be true and correct.

*This the 29th day of January 2009.*

  
\_\_\_\_\_  
R. Stuart Graham, Jr.  
*Affiant*

*Sworn to and subscribed before me  
this the 29th day of January 2009*

  
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Notary Public, State of Georgia  
My Commission Expires: June 16, 2012