

**RADIO MARKET ANALYSIS**  
**QANTUM OF BRUNSWICK LICENSE COMPANY, LLC**  
**WYNR/WWSN RADIO STATIONS**  
**WAYCROSS, GEORGIA**  
**WMOG/WGIG RADIO STATIONS**  
**BRUNSWICK, GEORGIA**  
**WHFX RADIO STATION**  
**ST. SIMONS ISLAND, GEORGIA**  
**WBGA RADIO STATION**  
**DARIEN, GEORGIA**  
**March 2003**

**TECHNICAL STATEMENT**

1. This technical statement and attached exhibits were prepared on behalf of Qantum of Brunswick License Company, LLC ("Qantum"), proposed assignee of radio stations WYNR, Channel 273C1, and WWSN, Chanel 277C, Waycross, Georgia<sup>1</sup>; WMOG, 1490 kHz, and WGIG, 1440 kHz, Brunswick, Georgia; WHFX, Channel 224A, St. Simons Island, Georgia; and WBGA, Channel 299C2, Darien, Georgia. The 3.16 mV/m contours of all four FM stations overlap with each other and with the 5.0 mV/m contours of both AM stations. This results in Qantum having interests in four FM stations and two AM stations in the same radio market. Exhibit #1 is a map depicting the stations.

2. Therefore, a study has been conducted to determine if ownership of these facilities complies with §73.3555 of the Commission's rules. The city grade contours of the subject stations will be used to define the market boundary, hereinafter referred to as the "Radio Market". The study will determine the number of other commercial AM and FM stations that either have transmitter sites within or provide coverage to the subject radio market.<sup>2</sup>

---

1) There is an outstanding construction permit for WWSN, which is considered in this instant review.

2) The city grade contour of the licensed WWSN was used to define a portion of the boundary. Since the outstanding permit for WWSN extends farther, the number of stations in the radio market would not decrease if the permit is implemented and, as such, the market would remain in compliance.

3. Exhibit #2 is a depiction of the stations in the Radio Market and shows the transmitter sites or city grade contours of eighteen commercial AM and FM stations, including the six subject stations. Exhibit #3 is a tabulation of the stations in the Radio Market. The number of stations depicted falls in the fifteen to twenty-nine stations tier of §73.3555(a)(1)(iii) of the Commission's rules.<sup>3</sup> At the fifteen to twenty-nine stations level, common ownership or control of up to six stations, with no more than four in the same service, is permissible. Qantum's interests in four FM stations and two AM stations in the same market are in compliance with the Commission's rules. Therefore, Qantum's proposed ownership of WYNR, WWSN, WMOG, WGIG, WHFX and WBGA is in compliance with §73.3555 of the rules.

4. The foregoing technical statement was prepared on behalf of Qantum of Brunswick License Company, LLC, by Graham Brock, Inc., its Technical Consultants. All information contained herein is true and accurate to the best of our belief and knowledge. All data relating to AM and FM facilities was extracted from the CDBS database. We assume no liability for errors or omissions in that database which may be adverse to the information contained herein.

---

3) Although there are additional stations providing service to the Radio Market, they are not considered since the number of stations was ample to demonstrate compliance with the rules based on the number of stations proposed to be commonly owned.

**Graham Brock, Inc. - Broadcast Technical Consultants**

**WWSN**  
 BLH-19881102KB  
 Latitude: 31-09-22 N  
 Longitude: 081-58-19 W  
 ERP: 100.00 kW  
 Channel: 277C

**WWSN CP**  
 BPH-20020816AAB  
 Latitude: 31-09-22 N  
 Longitude: 081-58-19 W  
 ERP: 100.00 kW  
 Channel: 277C

**WYNR**  
 BLH-19971215KH  
 Latitude: 31-09-22 N  
 Longitude: 081-58-19 W  
 ERP: 97.00 kW  
 Channel: 273C1

**WHFX**  
 BLH-19951201KC  
 Latitude: 31-09-42 N  
 Longitude: 081-28-28 W  
 ERP: 6.00 kW  
 Channel: 224A

**WBGA**  
 BLH-19990310KF  
 Latitude: 31-10-09 N  
 Longitude: 081-32-14 W  
 ERP: 50.00 kW  
 Channel: 299C2

**WMOG**  
 Latitude: 31-09-42 N  
 Longitude: 081-28-28 W  
 ERP: 0.60 kW  
 Frequency: 1490 KHz

**WGIG**  
 Latitude: 31-10-07 N  
 Longitude: 081-32-14 W  
 ERP: 5.00 kW  
 Frequency: 1440 KHz

**WYNR 70 dBu**

**WBGA 70 dBu**

**WHFX 70 dBu**

**WWSN CP 70 dBu**

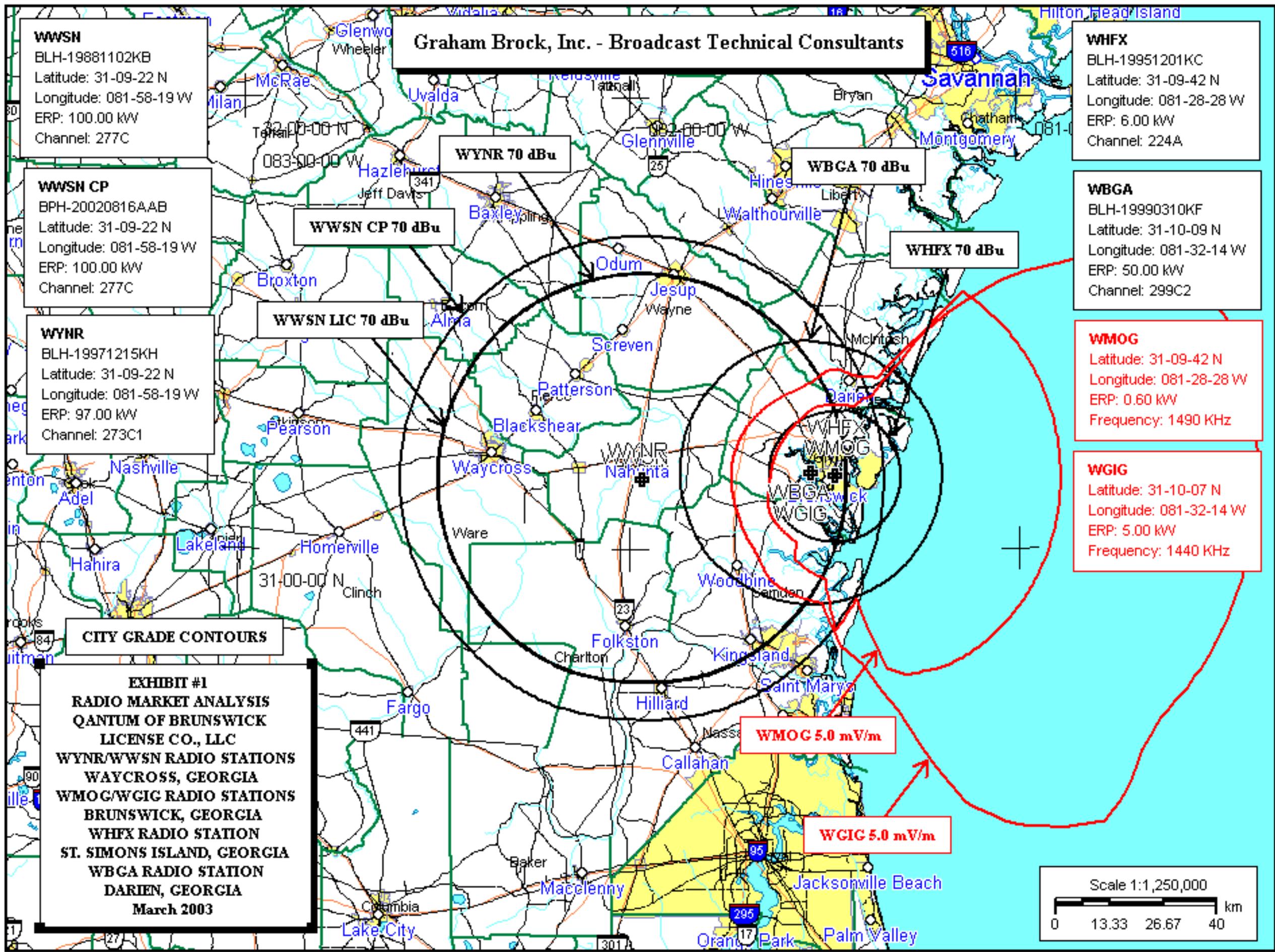
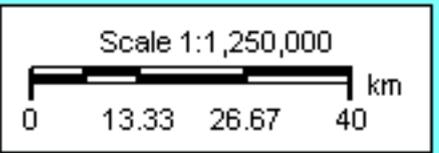
**WWSN LIC 70 dBu**

**WMOG 5.0 mV/m**

**WGIG 5.0 mV/m**

**CITY GRADE CONTOURS**

**EXHIBIT #1**  
**RADIO MARKET ANALYSIS**  
**QANTUM OF BRUNSWICK**  
**LICENSE CO., LLC**  
**WYNR/WWSN RADIO STATIONS**  
**WAYCROSS, GEORGIA**  
**WMOG/WGIG RADIO STATIONS**  
**BRUNSWICK, GEORGIA**  
**WHFX RADIO STATION**  
**ST. SIMONS ISLAND, GEORGIA**  
**WBGA RADIO STATION**  
**DARIEN, GEORGIA**  
**March 2003**





**RADIO MARKET ANALYSIS**  
**QANTUM OF BRUNSWICK LICENSE COMPANY, LLC**  
**WYNR/WWSN RADIO STATIONS**  
**WAYCROSS, GEORGIA**  
**WMOG/WGIG RADIO STATIONS**  
**BRUNSWICK, GEORGIA**  
**WHFX RADIO STATION**  
**ST. SIMONS ISLAND, GEORGIA**  
**WBGA RADIO STATION**  
**DARIEN, GEORGIA**  
**March 2003**

**EXHIBIT #3**

**Tabulation of Stations in Radio Market**

**AM Stations**

WCGA	1100 kHz	Woodbine, GA
WFNS	1350 kHz	Blackshear, GA
WLOP	1370 kHz	Jesup, GA
* WGIG	1440 kHz	Brunswick, GA
* WMOG	1490 kHz	Brunswick, GA

Total AM Stations - 5

**FM Stations**

WOKF	Ch 223A	Folkston, GA
* WHFX	Ch 224A	St. Simons Island, GA
WWUF	Ch 249A	Waycross, GA
WWRR	Ch 264C1	Brunswick, GA
WSOL-FM	Ch 268C	Brunswick, GA
* WYNR	Ch 273C1	Waycross, GA
* WWSN	Ch 277C	Waycross, GA
WSEG	Ch 281A	Brunswick, GA
WKUB	Ch 286C3	Blackshear, GA
WIFO-FM	Ch 288A	Jesup, GA
WXMK	Ch 290C3	Dock Junction, GA
WKBX	Ch 292A	Kingsland, GA
* WBGA	Ch 299C2	Darien, GA

Total FM Stations - 13

**GRAND TOTAL OF STATIONS CONSIDERED IN STUDY - 18**

\* Subject station.