

APPLICATION FOR A MODIFICATION OF CONSTRUCTION PERMIT

FCC FORM 301

File Number: BPH-19990803IG

**(REQUESTING CONSIDERATION UNDER §73.215)
(Directional Antenna)**

Facility Identification Number 10672

WQXB

Grenada, Mississippi

CHANNEL 261C2 – 100.1 MHz

ERP: 48.0 kW (H&V)

HAAT: 153 m (H&V)

APPLICANT: Chatterbox, Inc.

February, 2003

Prepared by:



BROADCAST TECHNICAL CONSULTANTS

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Engineering Statement
In Support of a Application
For a Construction Permit
WQXB, Grenada Mississippi, Channel 261C2

CONTENTS
FOR ENGINEERING EXHIBITS F.C.C. FORM 301

1. Statement of Engineers	E3-E7
2. Exhibit E, Figure 1	Channel Spacing Study
3. Exhibit E, Figure 2	Terrain Averaging and Contour Study
4. Exhibit E, Figure 3	Proposed Service Contour Map
5. Exhibit E, Figure 4	Vertical Plane Sketch of Supporting Structure
6. Exhibit E, Figure 5	WQXB Protected to WSMS Interfering Contours Study
7. Exhibit E, Figure 6	WSMS Protected to WQXB Interfering Contours Study
8. Exhibit E, Figure 7	WQXB/WSMS Protected and Interfering Contours Map
9. Exhibit E, Figure 8	Human Exposure to Radiofrequency Radiation Study

ENGINEERING STATEMENT

Of

Lee S. Reynolds

And

Virgle Leon Strickland

In Support of an

Application for a

Construction Permit

WQXB

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General

As broadcast technical consultants doing business as Reynolds Technical Associates (“RTA”), we have been authorized by Chatterbox, Inc. (herein referred to as “Chatterbox” as well as “The Applicant”), licensee of WQXB, Grenada, Mississippi, to conduct engineering studies and prepare the engineering portion of an application for a construction permit.

This instant application is seeking to modify construction permit, file number BPH-19990803IG to change from a non-directional to directional antenna, change effective radiated power and elevation of transmitting antenna.

The Proposed Site
(Exhibits E, Figure 1 through 5)

Exhibit E, Figure 1 is a channel spacing study for the proposed facility, showing the facilities considered.

Exhibit E, Figure 2 is a terrain averaging and service contour study showing the FCC F(50/50) contours using 3 second terrain data.

The Commission's web site, <http://www.fcc.gov/fcc-bin/audio2?x=fmpower.html>, was used to determine the maximum ERP for a Class C2 operating at 153.3 meters HAAT. The result was 48 kilowatts.

Exhibit E, Figure 3 is the service contour map displaying the FCC F(50,50) 70 and 60 dBu contours of the proposed facility. This exhibit also shows that the 70 dBu contour encompasses the entire city of license.

Exhibit E, Figure 4 is a vertical sketch of the proposed antenna supporting structure.

The proposed site has an approved tower with the antenna registration number of 1214497.

The distance to the blanketing contour is calculated to be 1.500 kilometer (0.933 mile).

There are no proposed or authorized FM or TV transmitters that may produce receiver-induced intermodulation interference within the (10) kilometers of the proposed transmitting antenna.

Protected and Interfering Contours
(Exhibits E, Figure 5 through 7)

Exhibits E, Figure 5 and 6 are FM overlap studies demonstrating the protected and interfering contours of WQXB and WSMS, Artesia, Mississippi (using 3-second data).

Exhibit E, Figure 7 is a map displaying the protected and interfering contours of WQXB and WSMS, Artesia, Mississippi.

Proposed Directional Antenna
(No Exhibits)

The applicant proposes contour protection by the use of a directional antenna. The relative field values entered in the engineering section of the FCC Form 301 demonstrate that the proposed pattern meets the Commission's rules governing FM directional antenna.

Human Exposure
(No Exhibits)

The proposed FM facility was evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with the FCC Guidelines.

Exhibit E, Figure 8 demonstrates the proposed is in compliance with the controlled/occupational limit, as well as the uncontrolled/general public limit of the Commission's guidelines.

A policy will put in effect, that if anyone is required to climb the tower, all facilities on the tower will either reduce power or cease operation, so as to prevent hazardous exposure to radiofrequency radiation.

Environmental Impact
(No Exhibits)

A grant of the proposed construction would not constitute a major action as defined in the Commission's Rules and Regulations.

During operation, the facility will produce no chemical or significant thermal pollution, and no ionizing radiation will be generated. Areas of high intensity radiofrequency fields

will be confined to the immediate area of the transmitting antenna, far above the ground and away from any human and wildlife population.

The area is not officially designated as a wilderness area or wildlife preserve and is not pending consideration. The area has no significant value in American history, architecture, archaeology, or culture, which is listed in the Register of Historic Places, and it is not eligible for listing. It is not recognized either nationally or locally for special scenic or recreational value.

Conclusion

This statement/application has been prepared for The Applicant by utilizing the latest available information, cross-checked with the Federal Communications Commission and other sources. Therefore, it is submitted that the proposed is in compliance with the Commission's Rules and Regulations and other sources. Therefore, it is submitted that the engineering data compiled and demonstrated herein for the proposed is in compliance with Commission's Rules and Regulations at the time of this application's filing date. We welcome the opportunity to discuss with the staff of the Federal Communications Commission the engineering data contained in this application. Should any questions arise concerning the information, please contact us.

The following pages are exhibits prepared and assembled in support of the proposed.

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Statement of the Consultants

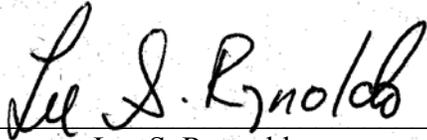
The instant engineering statement was prepared for Chatterbox, Inc. (“The Applicant”) and supports an application for a construction permit of WQXB, Grenada, Mississippi. It was developed by RTA and may not be used for purposes other than submission to the Commission by The Applicant.

It may not be reproduced in its entirety, or in part, by anyone (other than from the Commission) without the written consent of RTA.

It is prepared for The Applicant under contractual agreement, and its certification by RTA is used accordingly. If The Applicant fails in its contractual obligation, RTA reserves the right to withdraw its certification.

The information in this application is compiled from the most recent Commission and outside data. RTA is not responsible for errors resulting from incorrect data or unpublished rule and procedure changes.

For RTA:



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February 11th, 2003

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