

**APPLICATION FOR A
MINOR CHANGE
CONSTRUCTION PERMIT
TO A LICENSED FACILITY**

FCC FORM 301

(REQUESTING CONSIDERATION UNDER §73.215)

Facility Identification Number 55475

KTND

Georgetown, Texas

CHANNEL 299C3 – 107.7 MHz

ERP: 10.5 kW (H & V)

HAAT: 154.8 meters

APPLICANT: Simmons Lone Star Media LTD

March, 2003

Prepared by:



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Engineering Statement
In Support of a Application
For a Construction Permit
KTND, Georgetown Texas, Channel 299C3

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ENGINEERING STATEMENT

Of

Lee S. Reynolds

And

Virgle Leon Strickland

In Support of an

Application for a

Construction Permit

KTND

Georgetown, Texas

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General

As broadcast technical consultants doing business as Reynolds Technical Associates (“RTA”), we have been authorized by Simmons Lone Star Media LTD. (herein referred to as “Simmons” as well as “The Applicant”), licensee of KTND, Georgetown, Texas, to conduct engineering studies and prepare the engineering portion of an application for a construction permit.

This instant application is seeking to change transmitter relocation, effective radiated power and all elevations of the transmitting antenna.

The instant application seeks Commission consent to change KTND’s facilities, including changes in transmitter location, effective radiated power, antenna elevations.

In particular, this application proposes to operate the KTND transmitter at 30:37:22N, 97:38:33W (NAD 27), with an effective radiated power of 10.5 kilowatts and with an antenna height above average terrain of 154.8 meters

This application is contingent upon the facilities changes proposed in a simultaneously filed application for KFAN-FM, Johnson City, Texas. Consequently, Simmons is filing the instant application contingent upon the FCC's grant of the KFAN-FM modification application, and KFAN-FM's licensee, Fritz Broadcasting Co., Inc. ("Fritz"), is filing the KFAN-FM modification application contingent upon the FCC's grant of the instant application. RTA has prepared the technical portions of both applications.

As required by Section 73.3517(e) of the FCC's rules, the instant application and the KFAN-FM application include a copy of the agreement between Simmons and Fritz to undertake these coordinated facility modifications. The agreement is reflected in two letter agreements that are attached to the instant application as Attachment 22 and referred to herein as Exhibit 1.

The changes proposed in the instant application require the reclassification of KNTX-FM, San Antonio, Texas, from a Class C to a Class C0. On March 20, 2003, the licensee of KNTX-FM, Tichenor License Corporation, filed a letter with the FCC indicating that it "has no objection" to this reclassification. For the FCC's convenience, a copy of the KNTX-FM letter is also attached to the instant application as Attachment 22 and referred to herein as Exhibit 2.

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

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

The terrain averaging and contour study for the proposed facility is being included as Exhibit E, Figure 2. A 3-second base was used to compute the average terrain.

The Commission's web site, <http://www.fcc.gov/fcc-bin/audio2?x=fmpower.html>, was used to determine the ERP for a Class C3 operating at 154.8 meters HAAT. The results was 10.5 kilowatts.

Exhibit E, Figure 3 is the service contour map displaying the FCC F(50,50) 70 and 60 dBu contours of the proposed.

The proposed site is shown in Exhibit E, Figure 4 on portion of the Yellowstone Mountain, Texas 7.5-minute quadrangle map.

Exhibit E, Figure 5 is a vertical sketch of the proposed antenna supporting structure

The FAA has been notified of the proposed construction. Upon receiving determination of no hazard, a antenna supporting structure number will be applied for.

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

Protected and Interfering Contours
(Exhibits E, Figure 6 through 12)

Exhibits E, Figure 6 is a FM overlap study for the KTND protected contour to the KXTN-FM interfering contour. Exhibit E, Figure 7 is a FM overlap study for the KTND protected contour to the KXTN-FM interfering contour in one (1) degree intervals over the arc of concern. Exhibits E, Figure 8 is a FM overlap study for the KXTN-FM protected contour to the KTND interfering contour. Exhibits E, Figure 9 is a FM overlap study for the KTND protected contour to the vacant channel 299A at Hamilton, TX interfering contour. Exhibit E, Figure 10 is a FM overlap study for the vacant channel 299A at Hamilton, TX protected contour to the KTND interfering contour.

All FM overlap studies used a 3-second base was used to compute the average terrain.

Exhibit E, Figure 11 is a map displaying the protected and interfering contours of KTND compared to KXTN-FM and the vacant channel 299A at Hamilton, Texas.

Human Exposure
(No Exhibits)

The proposed FM facility was evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with the RF Worksheet #1 [FCC 340 Worksheet 7 (Page 4 and 5)].

The panel antenna for The Applicant's proposed FM broadcast station is to be placed on an existing tower. The proposed center of radiation above ground level is 146 meters, with an ERP of 10.5 kW (both horizontal and vertical). The controlled/occupational limit, as well as the uncontrolled/general public limit is in compliance. Power density two (2) meters above ground is 0.034 mW/cm^2 , well below the maximum allowable limit of 0.2 mW/cm^2 for uncontrolled/general public exposure limits as well as the 1.0 mW/cm^2 for controlled/occupational exposure limits

Should anyone be required to climb the tower, KTND 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

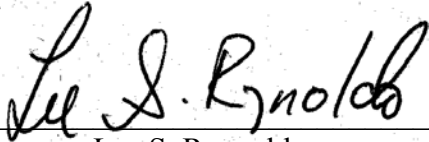
The instant engineering statement was prepared for Simmons Lone Star Media LTD. ("The Applicant") and supports an application for a construction permit of KTND, Georgetown, Texas. It was developed by RTA and may not be used for purposes other than submission to the Commission by The Applicant.

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:



Lee S. Reynolds

March 25th, 2003

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