



MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

ENGINEERING STATEMENT

In support of a request for

Digital Displacement Application

For

K51FO Leesville, LA

CH51 / 0.1 kW ERP / 135 m HAAT

PURPOSE

MARSAND, INC. has been retained by WHITE KNIGHT BROADCASTING OF NATCHEZ CORP., permittee of K51FO, CH52 of Leesville, LA, translator for WNTZ CH48 Natchez, LA, to prepare this engineering statement in support of a digital displacement application. It is proposed herein to establish digital low power television service on CH51 at the present height and location of the analog low power television. Upon establishing the digital service, the present analog service on CH52 would cease, and K51FO would in effect "flash cut" to digital.

DISCUSSION

In order to maintain service to the principle community of Leesville, LA, and to help clear the spectrum above CH51, studies were run to move K51GO from the out of core analog CH52 to the in core digital CH51. The calculated F(50,90) 51 dBu service grade contour would encompass the principal community, Leesville, LA, entirely as shown in **Figure 1**. Also shown in **Figure 1** is the FCC(50,50) 74 dBu service grade contour of the existing analog service. The proposed digital contour overlaps the analog contour completely so there is no loss of service to the community.

A spacing and interference study was run using the tv_process_dlptv software developed for the Federal Communications Commission. The results showed no spacing or

interference problems to other full power analog or digital stations or analog low power television stations.

CONCLUSION

It is respectfully requested that the Commission grant this displacement application for the proposed transmission facility.



MARSAND, INC.
Matthew A. Sanderford, Jr., P.E.



MARSAND, INC.
Matthew A. Sanderford, Jr., P.E.

October 19, 2007

K51FO
BLTT:99002038
Latitude: 31-14-48 N
Longitude: 093-12-04 W
ERP: 0.32 kW
Channel: 622
Frequency: 761.0 MHz
AMSL Height: 230.0 m
Elevation: 113.0 m
Horn Pattern: Omni
Vert. Pattern: Yes
Elec. Tilt: 1.75
Prop. Mode: None

K51FO-D
Latitude: 31-14-48 N
Longitude: 093-12-04 W
ERP: 0.10 kW
Channel: 61
Frequency: 865.0 MHz
AMSL Height: 230.0 m
Elevation: 113.0 m
Horn Pattern: Omni
Vert. Pattern: Yes
Elec. Tilt: 1.75

 K51FO
 K51FO-D

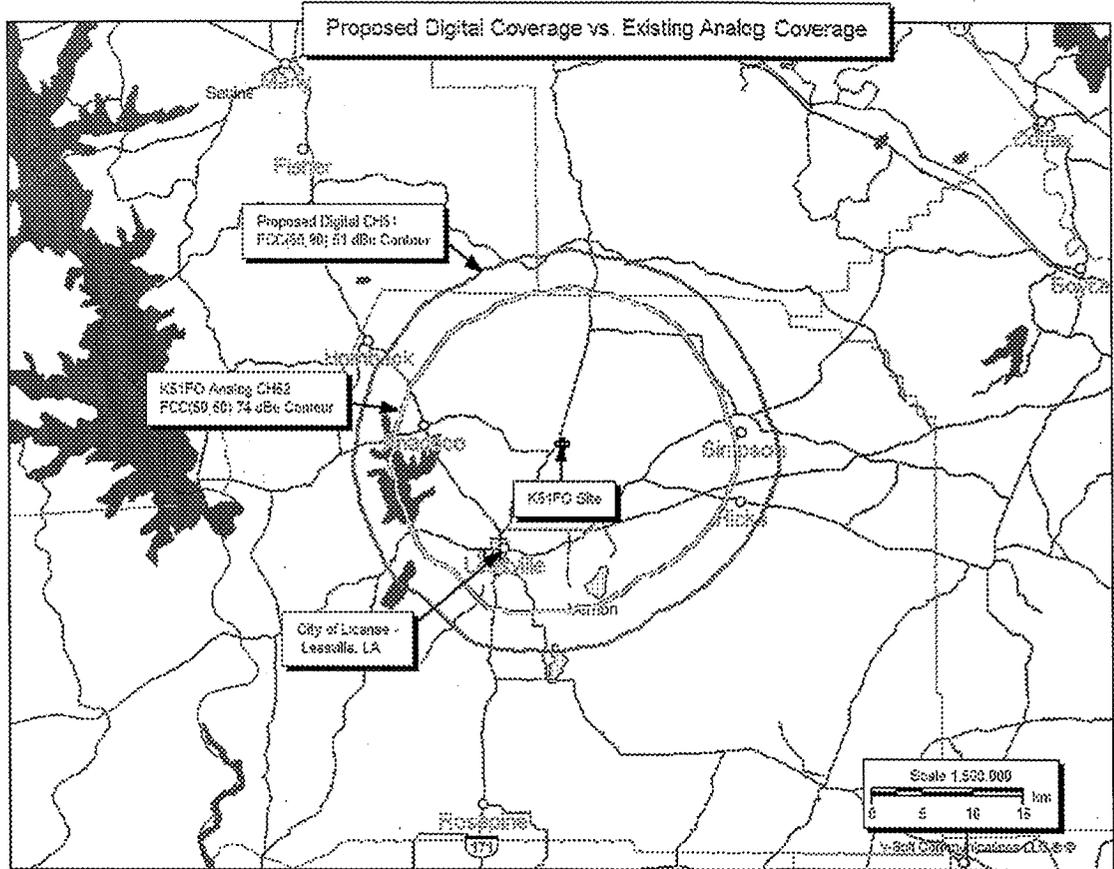


Figure 1



MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

DECLARATION

Matthew A. Sanderford, Jr., P.E., declares and states that he is a graduate Electrical Engineer with a Bachelor of Science Degree in Electrical Engineering from the University of Texas at El Paso, a Licensed Professional Engineer in the State of Texas, and his qualifications are known to the Federal Communications Commission, and that he is President of MARSAND, INC., a Registered Professional Engineering firm in the State of Texas, and that firm has been retained by WHITE KNIGHT BROADCASTING OF NATCHEZ CORP., to perform the engineering support as contained in this report.

All facts contained herein are true of his own knowledge except where stated to be on information or belief provided by WHITE KNIGHT BROADCASTING OF NATCHEZ CORP., and as to those facts, he believes them to be true.

I declare under penalty of perjury that the foregoing is true and correct.

Matthew A. Sanderford, Jr., P.E.

President - MARSAND, INC.

Executed this 19th day of October, 2007

State of Texas