

MARCH 2002

EXHIBIT E-1B
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PROPOSED KTXV
JEFFREY N. EUSTIS
890 kHz 2 kW/0.008 kW DA-2
FRANKSTON, TEXAS

ENGINEERING STATEMENT

Concerning an application for Modified Construction Permit for AM Broadcast Station KTXV Frankston, Texas.

Jeffrey N. Eustis is the permittee of KTXV which has a construction permit authorizing operation on 890 kHz with 0.4 kW daytime and 0.25 kW nighttime using different directional antenna patterns (DA-2).

The applicant has retained Vir James P. C., Consulting Broadcast Engineers, to supply the necessary engineering studies and exhibits required for this application.

TRANSMITTER SITE - DAYTIME

The proposed daytime transmitter site will be located 2.4 km Southeast of Payne Springs on state road 198. The coordinates of the proposed site have been determined from the most recent 7-1/2 minute map of Mabank, Texas Quadrangle and are as follows:

NL: 32 Deg 15 min 54 sec
WL: 96 Deg 03 min 00 sec

TRANSMITTER SITE - NIGHTTIME

The proposed nighttime operation will use the daytime directional array.

PROPOSED OPERATION - DAYTIME

This application requests increased power of 2 kW daytime. The proposed Frankston operation will use an array of six towers 63.5 degree electrical height. The ground system will consist of 120 buried copper radials 84 m long or to the transverse common strap between towers. These will be interspersed with 120 buried copper radials 15 m long. A type approved transmitter will be used. The coverage contours are tabulated as Exhibit E-4A and mapped as Exhibit E-6C and E-6E.

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DAYTIME ALLOCATIONS STUDY

All stations on 890 kHz and adjacent channels were considered as required for a complete allocations study. The coverage and interference contours are shown on Exhibit E-6E.

The distances to all field strength contours shown herein were determined per Sec. 73.183, using ground conductivity values shown by the FCC Map M-3 or measured values where available in conjunction with the appropriate field strength versus distance chart (FCC Ground Wave Field Strength vs. Distance, Graph 10 for 870-910 kHz). Ground conductivity measurements for stations KCLW Hamilton, TX and KTLR Oklahoma City, OK are submitted herein.

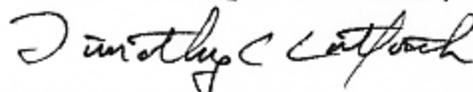
Exhibit E-6C shows that the city limits of Frankston are enclosed by the 5 mV/m contour.

No environmental impact study is required since the facility is located in a noncritical area and will comply fully with OET 65 RF energy levels at all locations outside of the standard tower base enclosure fence. There are no other AM broadcast stations within 3.2 km.

CONCLUSION

The engineering herein presented for the modified KTXV on 890 kHz has been prepared in accordance with applicable FCC Rules in effect as of this date. At the time of preparation, there are no known proposed, authorized or existing stations which would conflict with the proposed operation or which would require additional interference study.

Respectfully submitted,



Timothy C. Cutforth, P.E.
Director of Engineering
Vir James Engineers
21 March 2002