



VERTEX COMMUNICATIONS CORPORATION

FACSIMILE

PAGE 1 OF 3

TO: Carl Huie
Federal Communications Commission

DATE: 1-7-98

REF. #: _____

FAX #: (202) 418-1918

FROM: Rodney K. Davis

CC: _____

SUBJECT: Experimental license (5467-EX-PL-96)

MESSAGE: Carl,
Attached is a copy of form 442 page 2 corrected,
with exhibit 1. I believe this will satisfy your
inquiry about the lower frequency band. If I
can help in any other way please contact
me.

R.K Davis

If the transmission is incomplete, please call the sender at the number below.

2600 Longview Street, Kilgore, Texas 75662
TEL: 903/984-0555 FAX: 903/984-3141

FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

APPROVED BY OMB
3080-0085
Expires 9/30/98

APPLICATION FOR NEW OR MODIFIED RADIO STATION AUTHORIZATION UNDER PART 5 OF FCC RULES - EXPERIMENTAL RADIO SERVICE (OTHER THAN BROADCAST)

L Applicant's Name and Post Office address (Street address, city, state, and ZIP Code. See Instruction No. 4) Rodney K. Davis Vertex Communications Corp. 2600 Longview St. Kilgore, Tx 75662	DO NOT WRITE IN THIS BLOCK File No.
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2(a). Application for (check only one box) <input checked="" type="checkbox"/> New station <input type="checkbox"/> Modification of existing authorization	2(b). For Modification indicate below: File No: _____ Call Sign: _____
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3. Application for Modification: Check the box beside all particulars to be modified. Check either addition or replacement to indicate whether the change is an addition or a replacement of parameters in the current authorization.

FREQUENCY - EMISSION - POWER - LOCATION -
 addition or replacement? addition or replacement? addition or replacement? addition or replacement?

OTHER PARTICULARS - addition or replacement? (Describe below or in attached EXHIBIT No. _____)

4. Particulars of Operation (see instruction below)

Frequency (state whether kHz or MHz)	POWER			EMISSION	MODULATING SIGNAL	NECESSARY BANDWIDTH (kHz)
	(B)	(C) dBW	(D)			
(A) 3400-4200	10 Watts	51.0-52.4	Peak	AO	CW	< 7
4500-4800	"	52.6-53.2	"	AO	CW	< 7
5850-7025	"	54.0-55.8	"	AO	CW	< 15
7250-7750	"	55.8-56.3	"	AO	CW	< 15
7900-8400	"	56.4-56.8	"	AO	CW	< 15
10700-13250	"	60.0-62.0	"	AO	CW	< 15
13750-14800	"	62.2-62.7	"	AO	CW	< 25
17300-21200	"	64.0-65.0	"	AO	CW	< 25

- (A) List each frequency or frequency band separately. (If more space is required, attach as EXHIBIT No. 1)
- (B) Insert maximum R.F. output power at the transmitter terminals. Specify units.
- (C) Insert maximum effective radiated power from the antenna (if pulsed emission, specify peak power). Specify units.
- (D) Insert "MEAN" or "PEAK" (See definitions in Part 5).
- (E) List each type of emission separately for each frequency. (See Section 2201 of FCC Rules)
- (F) Insert as appropriate for the type of modulation:
 (1) the maximum speed of keying in bauds;
 (2) maximum audio modulating frequency;
 (3) frequency deviation of carrier;
 (4) pulse duration and repetition rate.
 For complex emissions, describe in detail in the space provided below.
- (G) Describe how the necessary bandwidth was determined in space provided below.