Comprehensive Engineering Exhibit
FCC Form 301 Minor Change Application
KSD (FM) Facility ID No. 20360
Citicasters Licenses L.P.
Saint Louis, Missouri
August 10, 2005

Citicasters Licenses L.P. seeks to relocate KSD (FM) to a height of 325 meters upon a support structure identified by antenna structure registration number 1020785.

At the proposed location KSD(FM) will have a height above average terrain of 313 meters, a height of 16 meters greater than that allowed for the C1 class, KSD(FM) from this location will be fully spaced utilizing Section 73.207 to all known stations, allocations and applications with the exception of an application for Grayville Illinois 229A to which spacing utilizing Section 73.215 is requested. To prevent prohibited contour overlap an operating power of 74 kilowatts is requested.

Figure 1 is the results of a spacing study demonstrating spacing for this location. Figure 2 is a map depicting the relevant contours, and demonstrating that no prohibited contour overlap will exist.

It is proposed that KSD share an already existing antenna. Below is a list of other users of this antenna:

Call Sign	Facility_id	Freq	Channel	ERP_w	ARN
KSIV-FM	4276	91.5	218	85000	BLED19960717KA
KLOU	9626	103.3	277	90000	BPH-20040630ABX
KEZK-FM	13507	102.5	273	100000	BLH19870316KB
KSHE	19523	94.7	234	100000	BLH19870504KB
KSLZ	48960	107.7	299	100000	BLH19871209KD
KFUO-FM	65924	99.1	256	100000	BLH19881115KB
KYKY	20358	98.1	251	90000	BLH19890112KA
WSSM	74577	106.5	293	90000	BLH19890509KC
KIHT	27022	96.3	242	80000	BLH19960605KE

The Proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, “Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation.” Utilizing the micro-computer program “RFHAZ” by V-Soft Communications.

The proposed antenna system is an existing 8- bay, full-wave spaced, “cavity back “ CBR antenna manufactured by Harris Corporation, mounted with its center of radiation 325 meters above ground level, and will operate with an effective radiated power of 74.0 Kilowatts in both the horizontal and vertical planes from this proposal. Figure 1 below from the manufacturers’ website indicates maximum pertinent radiation toward the ground is 24 percent of maximum field. Thus at 2 meters above ground this proposal will contribute worst case, 2.73 microwatts per square centimeter, or 0.27 percent of the allowable ANSI limit for controlled exposure, and 1.37 percent of the allowable limit for uncontrolled exposure. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

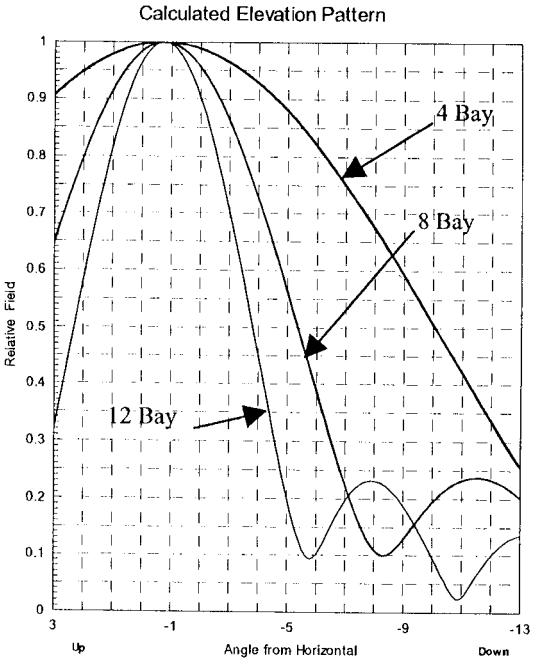

Figure 1

ComStudy 2.2 search of channel 300 (93.7 MHz Class C1) at 38-34-24.0 N, 90-19-30.0 W.

Callsign	State	City	Freq	ERP_w	Class	Status	Dist_km	Sep	Clr
KSD	MO	ST. LOUIS	93.7	100000	C1	LIC	0.84	245	-244.2
	IL	GRAYVILLE	93.7	0	A	APP	198.96	200	-1
KNSX	MO	STEELVILLE	93.3	10250	C2	LIC	81.45	79	2.5
KGKS	MO	SCOTT CITY	93.9	16500	C3	LIC	148.25	144	4.3
	IL	SHERMAN	93.9	0	B1	ADD	168.73	161	7.7
	IL	LINCOLN	93.9	0	B1	DEL	172.21	161	11.2
WABZ	IL	SHERMAN	93.9	15000	B1	LIC	172.21	161	11.2
WABZ	IL	LINCOLN	93.9	0	B1	USE	174.24	161	13.2
NEW	MO	ARNOLD	94.3	250	D	APP	16.36	0	16.4

Figure 2

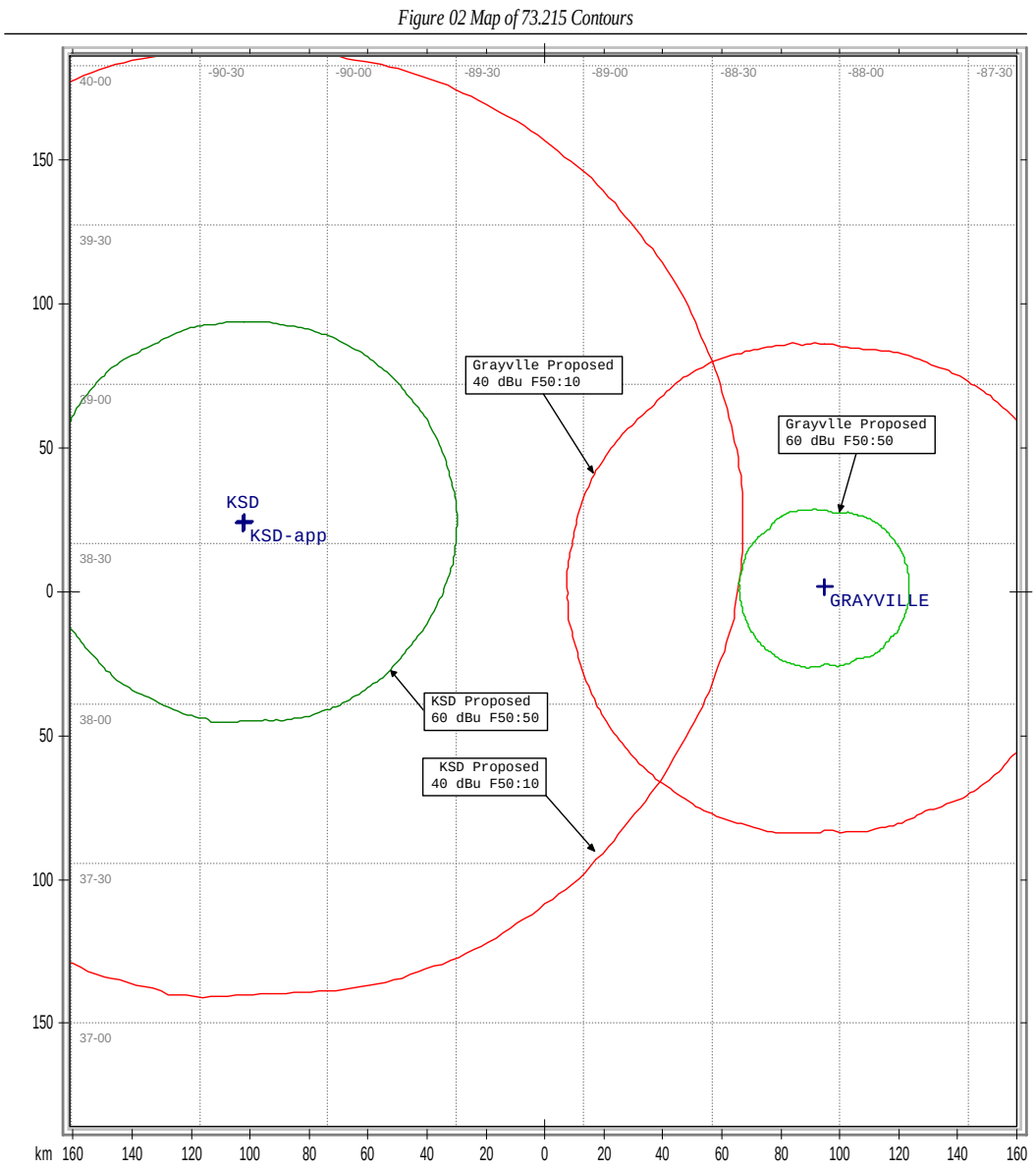
Figure 02 Map of 73.215 Contours
-90-30
-90-00
-89-30
-89-00
-88-30
-88-00
-87-30
40-00
39-30
39-00
38-30
38-00
37-30
37-00
150
100
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km 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160
Grayvlle Proposed
40 dBu F50:10
Grayvlle Proposed
60 dBu F50:50
KSD
KSD-app
GRAYVILLE
KSD Proposed
60 dBu F50:50
KSD Proposed
40 dBu F50:10