

Engineering Statement

In Support of an Application for a Construction Permit KVST, Channel 279C, La Porte, Texas

KVST Channel Spacing Study

REFERENCE					DISPLAY DATES			
29 56 09 N					CLASS = C			
94 30 38 W					Current Spacings			
----- Channel 279 - 103.7 MHz -----					DATA 01-20-04			
					SEARCH 02-02-04			
Call	Channel	Location		Dist	Azi	FCC	Margin	

		Community of La Porte	TX	59.43	239.6			
		Reference Coordinates:						
		North Latitude: 29-39-53						
		West Longitude: 95-02-27						
ALLO	RSV 279C	La Port	TX	4.13	345.8	290.0	-285.87	
		Of no concern:						
		Allocation coordinates of KVST						
KVST.C	CP 279C	La Porte	TX	12.80	342.4	290.0	-277.20	
		Of no concern:						
		Previously applied-for coordinates						
		Of KVST						
KBIU	LIC 279C1	Lake Charles	LA	117.56	72.7	270.0	-152.44	
		Of concern:						
		Channel 277C2 substituted for channel 279C1						
		In contingent application (see below)						
KVST	LIC 279C3	Willis	TX	113.44	300.5	237.0	-123.56	
		Of no concern:						
		Current licensed coordinates of KVST						
KRBE	LIC 281C	Houston	TX	104.57	247.7	105.0	-0.43	
ALLO	RSV 277C2	Lake Charles	LA	107.53	73.6	105.0	2.53	
KTHP	LIC 280A	Hemphill	TX	176.92	21.0	165.0	11.92	
KBIU.C	CP -Z 277C2	Lake Charles	LA	117.59	72.7	105.0	12.59	
		Of note:						
		Proposed application coordinates of KBIU						
ALLO	VAC 279A	Opelousas	LA	243.90	75.2	226.0	17.90	
RADD	ADD 280A	Grapeland	TX	196.88	335.4	165.0	31.88	
RADD	ADD 280C3	Calvert	TX	221.01	299.1	176.0	45.01	
ALLO	VAC 278A	Centerville	TX	211.57	316.8	165.0	46.57	
