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Study build station data: LMS TV 2019-04-16

Proposal: W39DX-D D30 LD CP VINTON, LA
File number: BNPDTL20100407AAT
Facility ID: 185557
Station data: User record
Record ID: 143
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State
	File Number			Distance	
No	K22GT	N22z	TX	LIC	LAKE CHARLES, LA
	BLTTL20060103ABZ			15.1 km	
No	K47NC-D	D29	LD	CP	LAFAYETTE, LA
	BLANK0000051599			191.5	
Yes	W29EB-D	D29	LD	CP	SULPHUR, LA
	BNPDTL20100407ABJ			16.0	
No	KITU-TV	D29	DT	LIC	BEAUMONT, TX
	BLANK0000063643			28.4	
No	KYLE-TV	D29	DT	CP	BRYAN, TX
	BLANK0000063109			275.8	
No	KEHO-LD	D29	LD	CP	HOUSTON, TX
	BLANK0000067870			161.2	
No	KHTX-LD	D29	LD	CP	HUNTSVILLE, TX
	BLANK0000052730			188.3	
No	KCTL-LD	D29	LD	CP	LIVINGSTON, TX
	BLANK0000051766			146.6	
No	KFXL-LD	D29	LD	LIC	LUFKIN, TX
	BLDTL20121127ADL			173.1	
No	K30NH-D	D30	LD	CP	EL DORADO, AR
	BNPDTL20101020AAQ			355.8	
No	K47DW-D	D30	LD	CP	ALEXANDRIA, LA
	BLANK0000064143			166.2	
No	WLFT-CD	D30	DC	LIC	BATON ROUGE, LA
	BLDTA20110912ACB			246.8	
No	KFOL-CD	D30	DC	LIC	HOUMA, LA
	BLDTA20100111AGW			287.9	
No	KXKW-LD	D30	LD	CP	LAFAYETTE, LA
	BLANK0000053054			159.7	
No	K30QB-D	D30	LD	LIC	SHREVEPORT, LA
	BLANK0000068681			259.3	
No	WLBT	D30	DT	LIC	JACKSON, MS
	BLCDT20100119AEE			382.4	
No	W06DD	N30z	TX	LIC	NATCHEZ, MS
	BLTTL20060103ABY			264.5	

No	NEW	D30	LD	APP	BRYAN, TX
	BNPDTL20090825BQB		271.2		
No	NEW	D30	LD	APP	COLLEGE STATION, TX
	BNPDTL20090825AWA		259.2		
No	KMPX	D30	DT	LIC	DECATUR, TX
	BLCDT20060317AGE		417.1		
No	KCVH-LD	D30	LD	LIC	HOUSTON, TX
	BLDTL20130513ABR		194.7		
No	KHTX-LP	N30-	TX	LIC	HUNTSVILLE, TX
	BLTTL19980813JD		188.3		
No	KPLE-CD	D30	DC	CP	KILLEEN, TX
	BPDTA20130211ACF		408.1		
No	KXLN-DT	D30	DT	LIC	ROSENBERG, TX
	BLANK0000067755		194.7		
No	KABB	D30	DT	LIC	SAN ANTONIO, TX
	BLCDT20100527AFI		459.8		
No	K30EA	N30-	TX	LIC	TEXARKANA, TX
	BLTTL19950412IB		365.8		
No	K30EA	D30	LD	CP	TEXARKANA, TX
	BDFCDTL20120221AAD		323.0		
No	KKPD-LD	D30	LD	CP	TYLER, TX
	BLANK0000001075		286.5		
No	KKPD-LD	D30	LD	LIC	TYLER, TX
	BLDTL20140305AJW		291.0		
No	KVHM-LP	D30	LD	CP	VICTORIA, TX
	BLANK0000001270		366.3		
No	KLAX-TV	D31	DT	LIC	ALEXANDRIA, LA
	BLCDT20090622AGN		185.8		
No	W48DW-D	D31	LD	CP	BATON ROUGE, LA
	BLANK0000054431		225.0		
No	KAGN-CD	D31	DC	LIC	CROWLEY, LA
	BLANK0000001651		119.9		
No	W31DQ-D	D31	LD	CP	LAKE CHARLES, LA
	BNPDTL20100407ABN		36.2		
No	W31EA-D	D31	LD	CP	VINTON, LA
	BNPDTL20100407AAU		0.0		
No	KUBE-TV	D31	DT	CP	BAYTOWN, TX
	BLANK0000034465		194.4		
No	KFXK-TV	D31	DT	LIC	LONGVIEW, TX
	BLCDT20060705AAW		265.4		

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
Mask: Stringent
Latitude: 30 9 50.70 N (NAD83)
Longitude: 93 36 46.50 W
Height AMSL: 31.8 m

HAAT: 0.0 m
Peak ERP: 1.00 kW
Antenna: Omnidirectional
Elev Pattn: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.00 kW	25.1 m	17.5 km
45.0	1.00	26.3	17.5
90.0	1.00	28.5	17.5
135.0	1.00	30.5	17.5
180.0	1.00	31.2	17.7
225.0	1.00	30.9	17.6
270.0	1.00	29.3	17.5
315.0	1.00	28.6	17.5

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 29 m

Distance to Canadian border: 1606.5 km

Distance to Mexican border: 567.6 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 235.0 degrees Distance: 514.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 319.6 degrees Distance: 1526.4 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

---- Below is IX received by proposal BNPDTL20100407AAT ----

Proposal receives 2.32% interference from scenario 1
No IX check failures found.