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

Proposal: WPXB-LD D17 LD LIC DAYTONA BEACH, FL
File number: BLDTL20080916AEP
Facility ID: 10321
Station data: User record
Record ID: 2375
Country: U.S.

Build options:
Protect baseline records from LPTV

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WCJB-TV	D16	DT	LIC	GAINESVILLE, FL	BLCDT20071119AJB	127.0 km
No	W16DQ-D	D16	LD	LIC	LEALMAN, FL	BLANK0000033827	179.5
No	WVCi-LP	D16	LD	CP	ORLANDO, FL	BDFCDTL20140717AAO	69.4
No	WRCF-CD	D16	DC	CP	ORLANDO, FL	BLANK0000034010	65.6
No	WVCi-LP	N16+	TX	LIC	ORLANDO, FL	BLTTL20030522AGC	69.4
No	WRCF-CD	D16	DC	BL	ORLANDO, FL	DTVBL10549	67.6
No	WPBF	D16	DT	LIC	TEQUESTA, FL	BLANK0000001052	240.0
No	WODH-LD	D17	LD	LIC	GAINESVILLE, FL	BLANK0000004250	137.7
No	WFXU	D17	DT	CP	LIVE OAK, FL	BLANK0000026640	235.4
No	WFXU	D17	DT	APP	LIVE OAK, FL	BLANK0000034412	269.7
No	WFXU	D17	DT	BL	LIVE OAK, FL	DTVBL22245	235.4
No	WBEH-CD	D17	DC	CP	MIAMI, FL	BLANK0000067589	367.9
No	WBEH-CD	D17	DC	LIC	MIAMI, FL	BLANK0000071638	367.9
No	W17DG-D	D17	LD	LIC	MIAMI, FL	BLDTL20110113AAB	366.8
No	WTCN-CA	D17	DC	CP	PALM BEACH, FL	BLANK0000033632	257.3
No	WTCN-CA	D17	DC	BL	PALM BEACH, FL	DTVBL70865	257.3
No	DWHRT-LD	D17z	LD	APP	SEBRING, ETC., FL	BLANK0000013279	188.4
No	NEW	D17	LD	APP	TALLAHASSEE, FL	BNPDTL20090825BLS	318.7
Yes	WFTS-TV	D17	DT	CP	TAMPA, FL	BLANK0000034831	183.2
Yes	WFTS-TV	D17	DT	BL	TAMPA, FL	DTVBL64588	183.2
No	WEWA-LD	D17	LD	LIC	WEWAHITCHKA, FL	BLDTL20120328AEI	426.0
No	W17DQ-D	D17	LD	CP	WAYCROSS, GA	BDCCDTL20120207ANV	215.1
No	WTAT-TV	D17	DT	CP	CHARLESTON, SC	BLANK0000034503	441.2
No	WTAT-TV	D17	DT	BL	CHARLESTON, SC	DTVBL416	441.1
Yes	WESH	D18	LD	CP	DAYTONA BEACH, FL	BLANK0000059617	30.4
Yes	WESH	D18	LD	LIC	DAYTONA BEACH, FL	BLCDT20130722ABS	30.4

No	WTCE-TV	D18	DT	CP	FORT PIERCE, FL	BLANK0000034883	257.3
No	WTCE-TV	D18	DT	BL	FORT PIERCE, FL	DTVBL29715	257.3
No	WJXT	D18	DT	CP	JACKSONVILLE, FL	BLANK0000034420	128.1
No	WUJX-LD	D18	LD	LIC	JACKSONVILLE, FL	BLDTL20150220AAS	129.4
No	WJXT	D18	DT	BL	JACKSONVILLE, FL	DTVBL53116	128.1
No	WMOR-TV	D18	DT	CP	LAKELAND, FL	BLANK0000064337	185.1
No	WMOR-TV	D18	DT	BL	LAKELAND, FL	DTVBL53819	185.1
No	WQFT-LD	D18	LD	LIC	OCALA, FL	BLANK0000022525	92.5
No	W18EA-D	D18	LD	CP	SEBASTIAN, FL	BNPDTL20100402ACV	171.7
No	W21AU-D	N21+	TX	LIC	ORLANDO, FL	BLTTL19920715IB	69.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17
 Mask: Full Service
 Latitude: 29 10 25.30 N (NAD83)
 Longitude: 81 9 25.20 W
 Height AMSL: 127.0 m
 HAAT: 0.0 m
 Peak ERP: 12.5 kW
 Antenna: SWR-SWLP12WL (ID 24164) 45.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.00

49.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	10.7 kW	119.1 m	45.1 km
45.0	12.5	121.1	46.1
90.0	10.7	120.9	45.3
135.0	3.12	119.2	39.0
180.0	0.300	115.2	26.6
225.0	0.451	114.6	28.6
270.0	0.300	115.8	26.6
315.0	3.12	118.0	38.9

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 118 m

Distance to Canadian border: 1394.2 km

Distance to Mexican border: 1592.2 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 163.5 degrees Distance: 181.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 305.5 degrees Distance: 2502.8 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

Study cell size: 0.50 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%

No IX check failures found.