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Study build station data: LMS TV 2020-04-20

Proposal: WDA-LD D29 LD LIC Damascus, MD
File number: BLDL20140528ACM
Facility ID: 131044
Station data: User record
Record ID: 3126
Country: U.S.

Stations potentially affected by proposal:

IX	Call Distance	Chan	Svc	Status	City, State	File Number
Yes	WFPT 25.3 km	D28	DT	LIC	FREDERICK, MD	BLANK0000078429
No	WGDV-LD 135.1	D28	LD	CP	SALISBURY, MD	BLANK0000054787
No	WPCB-TV 270.8	D28	DT	LIC	GREENSBURG, PA	BLANK0000079894
No	WCAU 186.6	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000079825
No	WHSV-TV 147.7	D28	LD	CP	HARRISONBURG, VA	BLANK0000071677
No	WRIC-TV 186.1	D28	DT	LIC	PETERSBURG, VA	BLANK0000107922
No	W29FM-D 127.4	D29	LD	CP	WYOMING, DE	BLANK0000071866
Yes	WWPB 96.5	D29	DT	CP	HAGERSTOWN, MD	BLANK0000034108
No	WMDT 135.1	D29	DT	CP	SALISBURY, MD	BLANK0000027459
No	WUND-TV 365.0	D29	DT	CP	EDENTON, NC	BLANK0000025090
No	WXLV-TV 436.8	D29	DT	LIC	WINSTON-SALEM, NC	BLCDDT20050624ABB
No	W29FF-D 227.1	D29	LD	LIC	ATLANTIC CITY, NJ	BLANK0000094133
No	W29EV-D 267.3	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735
No	W29EZ-D 323.0	D29	LD	LIC	ELMIRA, NY	BLANK0000066382
No	W31EF-D 319.6	D29+	LD	CP	New York, NY	BLANK0000084658
No	WLNY-TV 404.2	D29	DT	LIC	RIVERHEAD, NY	BLANK0000080208
No	WKTV 475.7	D29	DT	LIC	UTICA, NY	BLCDDT20060630ACL
No	WNEO	D29	DT	CP	ALLIANCE, OH	BLANK0000034304

No	381.8 WWAT-CD	D29	DC	LIC	CHARLEROI, PA	BLANK0000101490
No	271.4 W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867
No	284.6 WJAC-TV	D29	LD	LIC	JOHNSTOWN, PA	BLCDT20130416AAU
No	181.9 WELL-LD	D29	LD	CP	PHILADELPHIA, PA	BLANK0000100185
No	186.6 WIIC-LD	N29+	TX	LIC	PITTSBURGH, PA	BLTTL19981230JB
No	287.1 WHVL-LP	N29+	TX	LIC	STATE COLLEGE, ETC., PA	BLTTL19911123JH
No	213.0 WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU
No	229.8 WQMY	D29	DT	APP	WILLIAMSPORT, PA	BLANK0000035754
No	229.8 W29E0-D	D29	LD	CP	Charlottesville, VA	BLANK0000008299
No	186.5 WCVW	D29	DT	CP	RICHMOND, VA	BLANK0000034129
No	186.1 WCHS-TV	D29	DT	LIC	CHARLESTON, WV	BLANK0000059340
No	426.7 W29FK-D	D29	LD	CP	CLARKSBURG, WV	BLANK0000074534
No	278.4 W29DH-D	D29	LD	LIC	MOOREFIELD, WV	BLDTT20120608ABZ
No	159.7 WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000090104
No	21.5 W30DT-D	D30	LD	CP	SALISBURY, MD	BDCCDTL20120628AAS
No	147.9 WPCW	D30	LD	LIC	JEANNETTE, PA	BLANK0000064153
No	211.3 KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618
No	186.2 WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	BLDTL20100208AAC
No	186.3 WSVW-LD	D30	LD	APP	HARRISONBURG, VA	BLANK0000105741
No	168.9 WSVW-LD	D30	LD	LIC	HARRISONBURG, VA	BLDTT20110512AAN
	168.9					

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29
Mask: Simple

Latitude: 39 8 1.00 N (NAD83)
Longitude: 77 4 5.00 W
Height AMSL: 173.0 m
HAAT: 0.0 m
Peak ERP: 0.350 kW
Antenna: Sam-460 180.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	32.9 m	4.0 km
45.0	0.000	40.1	1.6
90.0	0.000	57.1	1.9
135.0	0.002	68.4	5.8
180.0	0.350	72.1	21.0
225.0	0.002	59.1	5.4
270.0	0.000	40.6	1.6
315.0	0.000	22.7	4.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 49 m

Distance to Canadian border: 439.5 km

Distance to Mexican border: 2357.0 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 80.6 degrees Distance: 21.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 281.7 degrees Distance: 2402.5 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 BLDL20140528ACM ----

Proposal receives 20.57% interference from scenario 1
No IX check failures found.