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Study build station data: LMS TV 2020-06-26

Proposal: WMVH-CD D32 DC LIC CHARLEROI, PA
File number: BLANK0000079929
Facility ID: 68394
Station data: User record
Record ID: 967
Country: U.S.

Build options:
Protect LPTV records from Class A

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSSS-LP	N25z	TX	LIC	STEUBENVILLE, OH	BLTTL19980506JD	64.8 km
No	WWBP-LP	N25-	TX	LIC	FREEDOM, PA	BLTTL19990124JD	70.1
No	WIIC-LD	N29+	TX	LIC	PITTSBURGH, PA	BLTTL19981230JB	36.3
No	WBPA-LD	N30+	TX	LIC	PITTSBURGH, PA	BLANK0000007299	35.2
No	WETA-TV	D31	DT	CP	WASHINGTON, DC	BLANK0000029879	274.3
No	WJOS-LD	D31	LD	CP	POMEROY, OH	BLANK0000054745	218.7
No	WYTV	D31	DT	LIC	YOUNGSTOWN, OH	BLANK0000081168	121.5
No	WATM-TV	D31	DT	LIC	ALTOONA, PA	BLANK00000105303	132.6
No	WWBP-LP	N31+	TX	LIC	FREEDOM, PA	BLTTL20040909ABD	70.1
No	WWBP-LP	D31	LD	APP	FREEDOM, PA	BDFCDTL20121022ACD	57.7
No	WGAL	D31	LD	APP	LANCASTER, PA	BDRTCDT20090824ADR	206.7
Yes	WIIC-LD	D31+	LD	LIC	PITTSBURGH, PA	BLANK0000001503	36.3
Yes	KDKA-TV	D31	LD	APP	PITTSBURGH, PA	BDRTCDT20090630ADY	48.9
No	WOAY-TV	D31	DT	LIC	OAK HILL, WV	BLANK0000096583	264.0
No	WRZB-LD	D32	LD	LIC	WASHINGTON, DC	BLANK0000024420	274.8
No	WANE-TV	D32	DT	CP	FORT WAYNE, IN	BLANK0000034806	458.7
No	WANE-TV	D32	DT	BL	FORT WAYNE, IN	DTVBL39270	458.7
No	W32FD-D	D32	LD	LIC	LOUISA, KY	BLANK0000087487	323.8
No	WGDV-LD	D32	LD	LIC	SALISBURY, MD	BLANK0000013993	400.5
No	WBOC-TV	D32	DT	LIC	SALISBURY, MD	BLANK0000079962	407.5
No	WDIV-TV	D32	DT	CP	DETROIT, MI	BLANK0000027872	380.9
No	WDIV-TV	D32	DT	BL	DETROIT, MI	DTVBL53114	380.9
No	WUTV	D32	DT	CP	BUFFALO, NY	BLANK0000075316	332.5
No	WUTV	D32	DT	BL	BUFFALO, NY	DTVBL415	332.4
No	W59DG	D32	LD	CP	ELMIRA, NY	BLANK0000098525	374.5
No	WOUB-TV	D32	DT	LIC	ATHENS, OH	BLANK0000068360	212.7
No	W32ED-D	D32	LD	CP	CANTON, OH	BLANK0000013880	136.3
No	WRAP-LP	N32-	TX	LIC	CLEVELAND, OH	BLTTL20110902ABQ	207.5
No	WWRD-LP	N32+	TX	LIC	DAYTON, OH	BLTTL20071011AAP	360.3
No	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
Yes	WYFX-LD	D32	LD	LIC	YOUNGSTOWN, OH	BLANK0000082699	121.5
No	W32DH-D	D32	LD	LIC	ERIE, PA	BLDTL20101122AHG	213.2
No	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	258.0
Yes	WKHU-CD	D32	DC	LIC	KITTANNING, PA	BLANK0000079958	80.0
No	WKPT-TV	D32	DT	LIC	KINGSPORT, TN	BLANK0000070485	454.6
No	WCAV	D32	DT	LIC	CHARLOTTESVILLE, VA	BLANK0000092578	267.2
No	WPXV-TV	D32	DT	LIC	NORFOLK, VA	BLANK00000113419	473.3
No	W32EW-D	D32	LD	LIC	ROANOKE, VA	BLANK0000058516	305.7
No	W32ES-D	D32	LD	CP	SUTTON, WV	BNPDTL20100514AAP	180.9
No	WHUT-TV	D33	DT	APP	WASHINGTON, DC	BLANK0000035679	274.3
No	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	274.3
No	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPEDT20120627AAD	274.3

No	WQIZ-LP	D33+	LD	CP	ASHLAND, OH	BLANK0000078048	216.1
No	WFMJ-TV	D33	DT	LIC	YOUNGSTOWN, OH	BLANK0000089155	123.5
No	W43BP	D33-	LD	CP	Altoona, PA	BLANK0000098028	111.8
No	WJAC-TV	D33	LD	CP	JOHNSTOWN, PA	BLANK0000090618	132.8
No	WPXI	D33	LD	LIC	PITTSBURGH, PA	BLCDT20130111ABQ	97.8
No	W33EJ-D	D33	LD	LIC	MOOREFIELD, WV	BLANK0000081241	152.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32
Mask: Full Service
Latitude: 40 7 24.00 N (NAD83)
Longitude: 79 53 44.00 W
Height AMSL: 430.4 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: 170.0 deg
Elev Pattrn: Generic
Elec Tilt: 1.00

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	7.46 kW	120.0 m	41.7 km
45.0	6.19	111.3	40.1
90.0	8.06	129.6	42.8
135.0	13.1	110.5	43.8
180.0	14.9	133.6	46.1
225.0	10.9	81.5	39.3
270.0	6.57	87.6	37.7
315.0	6.72	104.0	39.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 110 m

Proposal 25.51 dBu contour does not cross Canadian border
Distance to Canadian border: 252.8 km

Distance to Mexican border: 2226.0 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 111.0 degrees Distance: 283.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 278.3 degrees Distance: 2145.0 km

Study cell size: 1.00 km
Profile point spacing: 0.10 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 BLANK0000079929 ----

Proposal receives 0.85% interference from scenario 1
No IX check failures found.