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Study build station data: LMS TV 2020-04-01

Proposal: WWDD-LD D24 LD CP HAVRE DE GRACE, MD
File number: BLANK0000041691
Facility ID: 47692
Station data: User record
Record ID: 3077
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WDDN-LD	D23	LD	LIC	WASHINGTON, DC	BLDTL20120810AAG	56.7 km
No	WDVM-TV	D23	DT	LIC	HAGERSTOWN, MD	BLANK0000080408	127.2
No	W23ED-D	D23	LD	CP	SALISBURY, MD	BLANK0000068887	131.0
No	W23CX	N23+	TX	LIC	SALISBURY, MD	BLTTL20070730AKY	162.7
Yes	WMJF-CD	D23	DC	CP	TOWSON, MD	BLANK0000029914	9.9
No	WNJS	D23	DT	CP	CAMDEN, NJ	BLANK0000077482	152.9
No	WDWA-LD	D23	LD	LIC	DALE CITY, VA	BLDTL20140528ACM	90.0
No	WTVR-TV	D23	DT	LIC	RICHMOND, VA	BLANK0000109887	221.2
No	W23DR-D	D23	LD	LIC	ROMNEY, WV	BLDTT20090609AAZ	186.4
Yes	WDPB	D24	DT	LIC	SEAFORD, DE	BLANK0000080899	110.0
No	WUBX-CD	D24	DC	LIC	DURHAM, ETC., NC	BLANK0000108883	422.0
No	W24EC-D	D24	LD	LIC	MANTEO, NC	BLDTL20150311AAN	392.5
No	W48DP-D	D24	LD	CP	ATLANTIC CITY, NJ	BLANK0000045666	180.6
No	W25FA-D	N24	TX	LIC	West Orange, NJ	BLTTL20121024AAA	276.6
No	WTEN	D24	DT	LIC	ALBANY, NY	BLANK0000082692	424.3
No	WPXJ-TV	D24	DT	LIC	BATAVIA, NY	BLANK0000106047	416.2
No	WNYE-TV	D24	DT	APP	NEW YORK, NY	BLANK0000035705	270.0
No	WNYE-TV	D24	DT	LIC	NEW YORK, NY	BLEDT20071228ABM	270.0
No	WRGB	D24	LD	LIC	SCHENECTADY, NY	BLCDT20110523AEL	362.1
No	WONO-CD	D24	DC	CP	SYRACUSE, ETC., NY	BLANK0000105580	416.3
No	WEAO	D24	DT	LIC	AKRON, OH	BLANK0000095195	473.8
No	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	212.4
No	W24DB-D	D24z	DC	LIC	CLARKS SUMMIT, PA	BLANK0000004543	244.8
No	W24EU-D	D24	LD	CP	ERIE, PA	BLANK0000071908	421.4
Yes	WPHA-CD	D24	DC	LIC	PHILADELPHIA, PA	BLDTA20130920ADK	137.7
Yes	WPHA-CD	D24	DC	CP	PHILADELPHIA, PA	BLANK0000036105	137.7
No	WPXI	D24	LD	LIC	PITTSBURGH, PA	BLANK0000106625	272.6
No	WPXI	D24	LD	CP	PITTSBURGH, PA	BLANK0000054537	272.7
No	WPDN-LD	D24	LD	LIC	PITTSBURGH, PA	BLDTL20110601ADS	316.8

Yes	W24CS-D	D24	LD	LIC	READING, PA	BLANK0000067784	127.2
No	WHSV-TV	D24	LD	CP	HARRISONBURG, VA	BLANK0000054176	158.9
No	WRLH-TV	D24	DT	LIC	RICHMOND, VA	BLANK0000081561	221.2
Yes	WDCO-CD	D24	DC	CP	WOODSTOCK, VA	BLANK0000078661	62.7
No	WVAH-TV	D24	DT	LIC	CHARLESTON, WV	BLANK0000087458	474.4
No	W24ER-D	D24	LD	LIC	Clarksburg, WV	BLANK0000058555	322.3
No	W24ES-D	D24	LD	LIC	MOOREFIELD, WV	BLANK0000081242	206.9
No	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000059729	8.8
No	W42CK	D25+	LD	CP	HAGERSTOWN, MD	BLANK0000054340	110.5
No	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	265.3
No	W36DO-D	D25	LD	CP	DARBY, PA	BLANK0000051674	137.7
No	WTFX-TV	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000064628	167.1
No	WWBK-LD	D25	LD	CP	RICHMOND, VA	BLANK0000051589	221.2
No	WWBK-LD	D25	LD	LIC	RICHMOND, VA	BLANK0000108657	221.2
No	WEVD-LD	N27+	TX	LIC	DOVER, DE	BLTTL19870929IH	92.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D24
 Mask: Full Service
 Latitude: 39 19 26.00 N (NAD83)
 Longitude: 76 32 55.00 W
 Height AMSL: 187.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: Rymsa 80 45.0 deg
 Elev Pattn: Generic

49.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	12.0 kW	88.8 m	41.6 km
45.0	15.0	136.8	47.3
90.0	12.0	178.8	48.9
135.0	1.84	180.5	39.3
180.0	0.009	178.2	13.6
225.0	0.006	172.5	11.9
270.0	0.006	97.0	9.1
315.0	1.84	85.4	31.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 140 m

Distance to Canadian border: 437.8 km

Distance to Mexican border: 2406.1 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 233.1 degrees Distance: 29.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 281.4 degrees Distance: 2442.1 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 BLANK0000041691 -----

Proposal receives 13.37% interference from scenario 1
Proposal receives 13.37% interference from scenario 2
No IX check failures found.