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Study build station data: LMS TV 2020-12-03

Proposal: WWDD-LD D24 LD CP HAVRE DE GRACE, MD
File number: BLANK0000041691
Facility ID: 47692
Station data: User record
Record ID: 313
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	90.6 km
No	WDVM-TV	D23	DT	LIC	HAGERSTOWN, MD	BLANK0000080408	148.6
No	WDVM-TV	D23	DT	APP	HAGERSTOWN, MD	BLANK0000127595	143.2
No	W23ED-D	D23	LD	CP	SALISBURY, MD	BLANK0000068887	135.2
No	W23CX	N23+	TX	LIC	SALISBURY, MD	BLTTL20070730AKY	164.4
Yes	WMJF-CD	D23	DC	LIC	TOWSON, MD	BLANK0000116949	33.5
No	WNJS	D23	DT	LIC	CAMDEN, NJ	BLANK0000125056	121.9
No	WDWA-LD	D23	LD	LIC	Damascus, VA	BLDTL20140528ACM	123.9
No	WTVR-TV	D23	DT	LIC	RICHMOND, VA	BLANK0000109887	252.1
No	W23DR-D	D23	LD	LIC	ROMNEY, WV	BLDTT20090609AAZ	213.9
Yes	WDPB	D24	DT	LIC	SEAFORD, DE	BLANK0000080899	110.0
No	WHTX-LD	D24	LD	LIC	SPRINGFIELD, MA	BLANK0000082009	412.3
No	W24EC-D	D24	LD	LIC	MANTEO, NC	BLDTL20150311AAN	409.0
No	W48DP-D	D24	LD	CP	ATLANTIC CITY, NJ	BLANK0000045666	154.9
No	W25FA-D	N24	TX	LIC	West Orange, NJ	BLTTL20121024AAA	244.3
No	WTEN	D24	DT	LIC	ALBANY, NY	BLANK0000082692	393.0
No	WPXJ-TV	D24	DT	LIC	BATAVIA, NY	BLANK0000106047	407.7
Yes	WNYE-TV	D24	DT	CP	NEW YORK, NY	BLANK0000035705	236.0
Yes	WNYE-TV	D24	DT	LIC	NEW YORK, NY	BLEDT20071228ABM	236.0
No	WRGB	D24	LD	LIC	SCHENECTADY, NY	BLCDT20110523AEL	329.6
No	WONO-CD	D24	DC	LIC	SYRACUSE, ETC., NY	BLANK0000116745	393.9
Yes	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	220.8
No	W24DB-D	D24z	DC	LIC	CLARKS SUMMIT, PA	BLANK0000004543	217.8
No	W24EU-D	D24	LD	CP	ERIE, PA	BLANK0000071908	425.0
Yes	WPHA-CD	D24	DC	LIC	PHILADELPHIA, PA	BLDTA20130920ADK	103.8
Yes	WPHA-CD	D24	DC	CP	PHILADELPHIA, PA	BLANK0000036105	103.8
No	WPXI	D24	LD	LIC	PITTSBURGH, PA	BLANK0000106625	294.6
No	WPDN-LD	D24	LD	LIC	PITTSBURGH, PA	BLDTL20110601ADS	333.6
Yes	W24CS-D	D24	LD	LIC	READING, PA	BLANK0000067784	97.7
Yes	WHSV-TV	D24	LD	LIC	Massanutten, VA	BLANK0000122198	190.2
No	WRLH-TV	D24	DT	LIC	RICHMOND, VA	BLANK0000081561	252.1

Yes	WDCO-CD	D24	DC	LIC	WOODSTOCK, VA	BLANK0000118371	96.6
No	W46EJ-D	D24	LD	LIC	CLARKSBURG, WV	BLANK0000058555	349.3
No	W24ES-D	D24	LD	LIC	MOOREFIELD, WV	BLANK0000081242	237.1
Yes	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000059729	40.4
No	W42CK	D25+	LD	CP	HAGERSTOWN, MD	BLANK0000054340	132.5
No	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	231.4
No	WTFX-TV	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000064628	135.1
No	W36DO-D	D25	LD	CP	Philadelphia, PA	BLANK0000117919	103.8
No	W36DO-D	D25	LD	LIC	Philadelphia, PA	BLANK0000124836	103.8
No	WRZH-LP	N27+	TX	LIC	DOVER, DE	BLTTL19870929IH	74.1

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 30 54.00 N (NAD83)
 Longitude: 76 14 25.00 W
 Height AMSL: 200.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: 330.0 deg
 Elev Pattn: Generic

49.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	12.2 kW	112.4 m	44.4 km
45.0	5.49	116.6	40.8
90.0	1.35	185.3	38.0
135.0	0.384	192.5	31.9
180.0	0.434	196.2	32.7
225.0	2.52	167.6	40.2
270.0	7.35	101.3	40.8
315.0	14.1	87.7	42.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 145 m

Distance to Canadian border: 431.8 km

Distance to Mexican border: 2439.8 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 232.3 degrees Distance: 63.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 281.0 degrees Distance: 2464.0 km

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%

---- Below is IX received by proposal BLANK0000041691 ----

Proposal receives 15.44% interference from scenario 1
Proposal receives 15.44% interference from scenario 2
Proposal receives 16.07% interference from scenario 3
Proposal receives 16.07% interference from scenario 4
No IX check failures found.