

**THREE ANGELS BROADCASTING
NETWORK, INC.**

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West Frankfort, IL 62896
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Study created: 2017.12.07 11:02:07

Study build station data: LMS TV 2017-12-07 (11)

Proposal: K41MM-D D18 LD LIC PATEROS, WA

File number: BLDTL20120613AAX

Facility ID: 132732

Station data: User record

Record ID: 78

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K17IL-D	D17	LD	LIC	ELLENSBURG, ETC., WA	BLDTT20090506ACN	130.6 km
No	K17IZ-D	D17	LD	LIC	EVERETT, WA	BLDTL20101201AEX	160.4
Yes	K17EV-D	D17	LD	LIC	OMAK, WA	BLDTT20120530A0X	69.1
No	K17KR-D	D17	LD	LIC	WINTHROP, WA	BLDTT20120614ABY	62.9
No	K17KI-D	D17	LD	CP	YAKIMA, WA	BNPDTL20100422ADD	151.9
Yes	KCDT	D18	DT	CP	COEUR D'ALENE, ID	BLANK0000026394	244.1
Yes	KCDT	D18	DT	APP	COEUR D'ALENE, ID	BLANK0000034666	244.1
Yes	K18DT-D	D18	LD	LIC	COEUR D'ALENE, ID	BLDTT20140609AAO	244.1
No	NEW	D18	LD	APP	COOLIN, ID	BNPDTT20130618ABX	235.6
No	K18LH-D	D18	LD	LIC	LEWISTON, ID	BLDTT20141016AAN	281.6
No	K18HQ-D	D18	LD	LIC	SANDPOINT, ID	BLDTL20111018AAI	245.9
No	KAJJ-CD	D18	DC	CP	KALISPELL, MT	BLANK0000028586	417.1
No	K18KD-D	D18	LD	LIC	LIBBY, MT	BLDTT20111114AUB	332.7
No	KOHD	D18	DT	LIC	BEND, OR	BLANK0000002204	450.4
No	K18HH-D	D18	LD	LIC	THE DALLES, OR	BLDTT20120621ABT	270.7
No	K18AD-D	D18	LD	LIC	EAST WENATCHEE, ETC., WA	BLDTT20100831ABA	88.8
Yes	KEPR-TV	D18	DT	APP	PASCO, WA	BLANK0000035749	221.8
No	KEPR-TV	D18	DT	LIC	PASCO, WA	BLCDDT20140717ABN	221.8
No	KBCB	D19	DT	APP	BELLINGHAM, WA	BLANK0000035650	224.0
No	KBCB	D19	DT	LIC	BELLINGHAM, WA	BLCDDT20040128AKD	224.0
No	K19JC-D	D19	LD	LIC	MAZAMA, WA	BLDTT20120614ABX	62.9
No	KUMN-LP	D19-	LD	APP	MOSES LAKE, ETC., WA	BLANK0000034017	138.5
Yes	K19AU-D	D19	LD	LIC	OMAK, OKANOGAN, ETC., WA	BLDTT20110727AHT	70.6
No	K19JX-D	D19	LD	LIC	YAKIMA, WA	BLDTL20141016ADC	170.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D18
Mask: Stringent
Latitude: 48 1 9.50 N (NAD83)
Longitude: 119 58 39.20 W
Height AMSL: 1610.0 m
HAAT: 0.0 m
Peak ERP: 1.97 kW
Antenna: SCA-K72314X2 (ID 96422) 65.0 deg
Elev Pattn: Generic

49.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.050 kW	1021.7 m	40.6 km
45.0	1.49	1098.7	63.8
90.0	1.26	1032.5	61.7
135.0	0.044	1069.8	40.3
180.0	0.010	792.8	27.7
225.0	0.005	554.7	21.1
270.0	0.002	252.5	11.7
315.0	0.010	745.9	27.0

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 821 m

**Proposal 24.15 dBu contour crosses Canadian border, coordination required

Distance to Canadian border: 109.0 km

Distance to Mexican border: 1727.9 km

Conditions at FCC monitoring station: Ferndale WA

Bearing: 299.7 degrees Distance: 216.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 121.3 degrees Distance: 1461.0 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

No IX check failures found.