THREE ANGELS BROADCASTING NETWORK, INC.
PO Box 220
West Frankfort, IL 62896
618 627 4651

April 4, 2018

W28DO recognizes and accepts the incoming interference identified at the end of this study.

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Study created: 2018.04.03 16:58:17

Study build station data: LMS TV 2018-04-03 (15)

    Proposal: W28DO-D D29 (D28) LD LIC ELMIRA, NY
 File number: BLDTL20120717AAG
 Facility ID: 67024
Station data: User record
   Record ID: 127
     Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:
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IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSTQ-LP	N14z	TX	LIC	SYRACUSE, NY	BLTTL20030604ABA	124.8 km
No	W26BF	N26-	TX	LIC	ELMIRA, NY	BLTTL19960111AB	11.0
No	WUHF	D28	DT	LIC	ROCHESTER, NY	BLCDT20050316AAK	139.0
No	WWDG-CD	D28	DC	LIC	UTICA, NY	BLANK0000001609	180.4
No	WWDG-CD	D28	DC	APP	UTICA, NY	BLANK0000035669	180.3
No	W28EO-D	D28	LD	CP	DUBOIS, PA	BNPDTL20100609AGI	169.0
No	WCAU	D28	DT	CP	PHILADELPHIA, PA	BLANK0000034346	256.4
No	W28DP-D	D28	LD	LIC	POTTSVILLE, PA	BLDTT20091009ADU	158.4
No	WBRE-TV	D28	LD	LIC	WILKES-BARRE, PA	BLCDT20091211ADO	120.9
No	WUTF-TV	D29	DT	LIC	WORCESTER, MA	BLANK0000001072	418.7
No	WMPB	D29	DT	LIC	BALTIMORE, MD	BLEDT20090330AEX	287.3
No	WWPB	D29	DT	CP	HAGERSTOWN, MD	BLANK0000034108	282.8
No	WMDT	D29	DT	CP	SALISBURY, MD	BLANK0000027459	402.3
No	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	457.9
No	W49BE-D	D29z	LD	APP	HACKETTSTOWN, NJ	BLANK0000041594	206.1
No	WDTB-LD	D29	LD	LIC	HAMBURG, NY	BLANK0000017735	195.8
No	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	346.0
No	WBGT-CD	D29	DC	CP	ROCHESTER, NY	BLANK0000033856	139.1
Yes	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	192.1
No	WNEO	D29	DT	CP	ALLIANCE, OH	BLANK0000034304	365.8
No	WWAT-CD	D29	DC	CP	CHARLEROI, PA	BLANK0000034569	339.5
No	W47DH-D	D29	LD	APP	CLARKS SUMMIT, ETC., PA	BLANK0000039291	110.6
No	WJAC-TV	D29	LD	LIC	JOHNSTOWN, PA	BLCDT20130416AAU	258.5
No	WIIC-LD	N29+	TX	LIC	PITTSBURGH, PA	BLTTL19981230JB	318.9

No	W29CO	N29z	TX	LIC	SHARON, PA	BLTTL20031216ACI	315.5
No	W29CO	D29	LD	CP	SHARON, PA	BDFCDTL20100405ABT	315.5
No	WHVL-LP	N29+	TX	LIC	STATE COLLEGE, ETC., PA	BLTTL19911123JH	158.5
Yes	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	96.6
Yes	WQMY	D29	DT	APP	WILLIAMSPORT, PA	BLANK0000035754	96.6
Yes	WYDC	D30	DT	CP	CORNING, NY	BLANK0000034651	27.1
Yes	WSKA	D30	DT	LIC	CORNING, NY	BLEDT20060705ABL	27.1
No	W30BW	N30+	TX	LIC	OLEAN, NY	BLTT20020307ABR	135.0
No	W30BW	D30	LD	CP	OLEAN, NY	BLANK0000022310	134.2
No	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	180.6
No	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	256.1
No	WHSH-LP	N36z	TX	LIC	ROCHESTER, NY	BLTTL20040225AAD	139.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

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    Channel: D29
       Mask: Full Service
   Latitude:  42  1 55.00 N (NAD83)
  Longitude:  76 47  1.00 W
Height AMSL: 615.6 m
       HAAT: 0.0 m
   Peak ERP: 0.776 kW
    Antenna: (replication) 0.0 deg
Elev Pattrn: Generic
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50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.776 kW	254.4 m	38.2 km
45.0	0.619	269.0	37.7
90.0	0.346	317.7	36.5
135.0	0.294	200.2	30.4
180.0	0.355	133.3	27.3
225.0	0.294	99.1	23.4
270.0	0.346	194.6	30.9
315.0	0.619	249.3	36.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 215 m

Proposal 25.23 dBu contour does not cross Canadian border
Distance to Canadian border: 177.8 km

Distance to Mexican border: 2562.1 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 338.2 degrees   Distance: 105.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 274.6 degrees   Distance: 2380.6 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 BLDTL20120717AAG ----

**MX with BLANK0000039291 APP scenario 1, 2.64% interference received
**MX with scenario 2, 2.67% interference received