

# Displacement

WBXZ-LP on Channel 17 in Bufflo, NY. WNYO, Buffalo NY is moving to channel 16 and will cause 15.48% interference to WBXZ, therefore, WBXZ is displaced. Please see below.

Study created: 2018.04.11 12:14:13

Study build station data: LMS TV 2018-03-31 (46)

Proposal: WBXZ-LP D17 LD LIC BUFFALO, NY  
File number: BLDTL20140501AAD  
Facility ID: 14317  
Station data: User record  
Record ID: 1244  
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel  
Protect baseline records from LPTV

Search options:

Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	35.8 km
Yes	WNYO-TV	D16	DT	APP	BUFFALO, NY	BLANK0000034641	16.7
No	WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	35.8
No	W16DR-D	D16	LD	CP	ELMIRA, NY	BNPDTL20100513ABR	168.6
No	W16BE-D	D16	LD	LIC	HORNELL, ALFRED, NY	BLDTL20120216ADJ	118.1
No	WXXI-TV	D16	DT	LIC	ROCHESTER, NY	BLEDT20140612AAV	108.8
No	WSEE-TV	D16	DT	LIC	ERIE, PA	BLCDT20071219AAS	129.6
No	WYCI	D17	DT	BL	SARANAC LAKE, NY	DTVBL77515	415.1
Yes	WSYR-TV	D17	DT	LIC	SYRACUSE, NY	BLCDT20030812ABK	232.3
No	WBNX-TV	D17	DT	CP	AKRON, OH	BLANK0000028072	285.7
No	WBNX-TV	D17	DT	BL	AKRON, OH	DTVBL72958	285.7
No	WKYC	D17	DT	LIC	CLEVELAND, OH	BLCDT20090619ADC	285.2
No	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	232.9
No	W17DU-D	D17	LD	CP	DUBOIS, PA	BNPDTL20100609AGF	156.2
No	WPHL-TV	D17	DT	LIC	PHILADELPHIA, PA	BLANK0000040408	437.3
No	WETM-TV	D18	DT	LIC	ELMIRA, NY	BLCDT20090622AFJ	185.5
No	WTVH	D18	DT	CP	SYRACUSE, NY	BLANK0000034606	225.4

No	WTVH	D18	DT	BL	SYRACUSE, NY	DTVBL74151	225.4
No	WWHC-LP	N20	TX	LIC	OLEAN, NY	BLANK0000022154	99.5
No	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	201.8
No	CIII-DT-4	D16	DT	LIC	OWEN SOUND, ON	BLANKCANADA208	243.8
No	CITY-DT-2	D16	DT	LIC	WOODSTOCK, ON	BLANKCANADA246	155.0
No	CITY-DT-3	D17	DT	LIC	OTTAWA, ON	BLANKCANADA199	370.7
Yes	CIII-DT-41	D17	DT	LIC	TORONTO, ON	BLANKCANADA237	94.3
No	CHWI-DT-60	D17	DT	LIC	WINDSOR, ON	BLANKCANADA243	346.4
No	CICO-DT-18	D18	DT	LIC	LONDON, ON	BLANKCANADA186	201.9
No	CFMT-DT	D18	DT	LIC	TORONTO, ON	BLANKCANADA239	94.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17  
 Mask: Full Service  
 Latitude: 42 52 48.20 N (NAD83)  
 Longitude: 78 52 33.50 W  
 Height AMSL: 351.4 m  
 HAAT: 0.0 m  
 Peak ERP: 15.0 kW  
 Antenna: ANT-ACS8BR (ID 17791) 90.0 deg  
 Elev Pattn: Generic  
 Elec Tilt: 1.00

49.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.40 kW	166.9 m	44.9 km
45.0	14.4	152.8	49.0
90.0	15.0	160.5	49.7
135.0	14.4	150.6	48.8
180.0	5.40	169.7	45.1
225.0	0.063	177.4	22.8
270.0	0.013	173.2	15.5
315.0	0.054	173.3	21.8

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 166 m

**\*\*Proposal 24.04 dBu contour crosses Canadian border, coordination required**

Distance to Canadian border: 3.2 km

Distance to Mexican border: 2472.0 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 87.8 degrees Distance: 131.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 271.1 degrees Distance: 2204.6 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%

\*\*IX check failure to BLANKCANADA237 LIC scenario 1, 0.56% interference caused  
\*\*IX check failure to BLANKCANADA237 LIC scenario 2, 0.56% interference caused  
\*\*IX check failure to BLANKCANADA237 LIC scenario 4, 0.56% interference caused  
\*\*IX check failure to BLANKCANADA237 LIC scenario 6, 0.56% interference caused

---- Below is IX received by proposal BLDTL20140501AAD ----

Proposal receives 15.23% interference from scenario 1  
\*\*MX with BLANK0000034641 APP scenario 2, 15.48% interference received