

AMENDMENT TO  
DISPLACEMENT APPLICATION FOR W26DC-D (Facility ID49882)

FILE NO. 0000052801

The Engineering Exhibit contained in the above-referenced application is hereby amended to include the following attachments: (1) Certification of Engineer James McDonald and summary of the TV Study interference analysis conducted in connection with the pending application; and (2) map showing coverage contours of the proposed facility.

### Certification

I am J. R. McDonald, an established engineer working in conjunction with the office of B. W. St. Clair and have personally run the attached TV study interference analysis relative to FCC file #0000052801. It is one of several hundred such studies I have run since the announcement of the LPTV and TV translator displacement filing window of 2018. The study summary attached is complete and correct to the best of my knowledge and experience.

A handwritten signature in black ink, appearing to read "James R. McDonald", enclosed within a rectangular border.

James R. McDonald  
May 1, 2018

**Study created: 2018.05.01 10:34:57**

**Study build station data: LMS TV 2018-04-26 (42)**

**Proposal: W26DC-D D31 LD CP ROSLYN, NY**

**File number: W26DC-D AS31FS0501**

**Facility ID: 49882**

Station data: User record

Record ID: 497

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
No	WLIG-LP	N17+	TX	LIC	PLAINVIEW, ETC., NY	
	BLTTTL20050802AAY		43.9	km		
No	W25FA-D	N24	TX	LIC	PORT JERVIS, NY	
	BLTTTL20121024AAA		92.1			
No	W28AJ	N28z	TX	LIC	ALLINGTOWN, CT	
	BLTTTL20010608AAO		101.8			
No	WEDH	D30	DT	CP	HARTFORD, CT	
	BLANK0000034543		141.2			
No	WFUT-DT	D30	DT	LIC	NEWARK, NJ	
	BLANK0000037827		3.5			
No	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	
	BLDTL20141229AGO		119.0			
No	WNYN-LD	D30	LD	APP	NEW YORK, NY	
	BLANK0000048135		2.7			
No	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	
	BLANK0000033618		135.0			
No	WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	
	BLDTL20100208AAC		134.8			
Yes	WTIC-TV	D31	DT	LIC	HARTFORD, CT	

BLCDT20101222AAE	141.2			
Yes WVIT D31	DT CP	NEW BRITAIN, CT		
BLANK0000034341	141.0			
No WETA-TV D31	DT CP	WASHINGTON, DC		
BLANK0000029879	333.9			
No WETA-TV D31	LD CP	WASHINGTON, DC		
BDRTEDT20090811ACE	349.6			
No WRDE-LD D31	LD LIC	REHOBOTH BEACH, DE		
BLDTL20081024AAY	251.2			
No WPPX-TV D31	DT LIC	WILMINGTON, DE		
BLCDT20031203AFL	134.6			
No WFXT D31	DT LIC	BOSTON, MA		
BLCDT20090422ABH	285.2			
No WCSH D31	DT CP	PORTLAND, ME		
BLANK0000034813	436.1			
No WNNY-LD D31	LD CP	AUBURN, NY		
BDCCDTL20110901ACT	328.3			
No WSKG-TV D31	DT CP	BINGHAMTON, NY		
BLANK0000028130	221.8			
No W31BP N31+	TX LIC	BURLINGTON, ETC., NY		
BLTTL19980120JE	240.3			
No WNCE-CD D31	DC LIC	GLENS FALLS, NY		
BLDTA20100812ABN	283.0			
Yes WPXN-TV D31	DT LIC	NEW YORK, NY		
BLANK0000037694	7.0			
Yes W31EF-D D31+	LD LIC	PORT JERVIS, NY		
BLANK0000049440	26.6			
No WWTI D31	DT CP	WATERTOWN, NY		
BLANK0000028475	377.5			
No WATM-TV D31	DT CP	ALTOONA, PA		
BLANK0000028661	379.9			
No WGAL D31	LD APP	LANCASTER, PA		
BDRTCDDT20090824ADR	311.6			
Yes WTXF-TV D31	DT CP	PHILADELPHIA, PA		
BLANK0000034830	134.8			
No WSWB D31	DT LIC	SCRANTON, PA		

BLCDT20140326AAZ	167.9			
No WRNT-LD D32	LD APP	HARTFORD, CT		
BLANK0000053149	151.0			
No WLIW D32	DT CP	GARDEN CITY, NY		
BLANK0000034431	7.0			
No WXNY-LD D32	LD LIC	NEW YORK, NY		
BLDTL20090908ACO	0.0			
No W32EI-D D32-	LD APP	PORT JERVIS, NY		
BLANK0000033498	26.6			
No W32EI-D D32-	LD LIC	PORT JERVIS, NY		
BLANK0000015198	61.9			
No W32EI-D N32-	TX LIC	PORT JERVIS, NY		
BLTTL20121024AAB	92.1			
No WHP-TV D32	DT CP	HARRISBURG, PA		
BLANK0000027770	251.0			
No WHP-TV D32	DT APP	HARRISBURG, PA		
BLANK0000033781	251.0			
No WPSG D32	DT LIC	PHILADELPHIA, PA		
BLANK0000001047	134.6			
No WQPX-TV D32	DT LIC	SCRANTON, PA		
BLCDT20060629AFR	167.7			
No W34DI-D N34+	TX LIC	PORT JERVIS, NY		
BLTTL20070223AHK	92.1			

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D31

Mask: Full Service

Latitude: 40 44 50.00 N (NAD83)

Longitude: 73 56 38.00 W

Height AMSL: 213.0 m

HAAT: 0.0 m

Peak ERP: 0.200 kW

Antenna: BOG-HAND 201805011033 0.0 deg

Elev Pattn: Generic

50.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.151 kW	194.8 m	26.5 km
45.0	0.002	207.7	9.6
90.0	0.151	198.6	26.7
135.0	0.167	198.0	27.2
180.0	0.010	200.9	13.9
225.0	0.000	211.5	5.0
270.0	0.000	204.2	4.9
315.0	0.000	197.7	4.8

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 202 m

Distance to Canadian border: 397.4 km

Distance to Mexican border: 2677.7 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 235.3 degrees    Distance: 301.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 278.9 degrees    Distance: 2632.6 km

Study cell size: 1.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

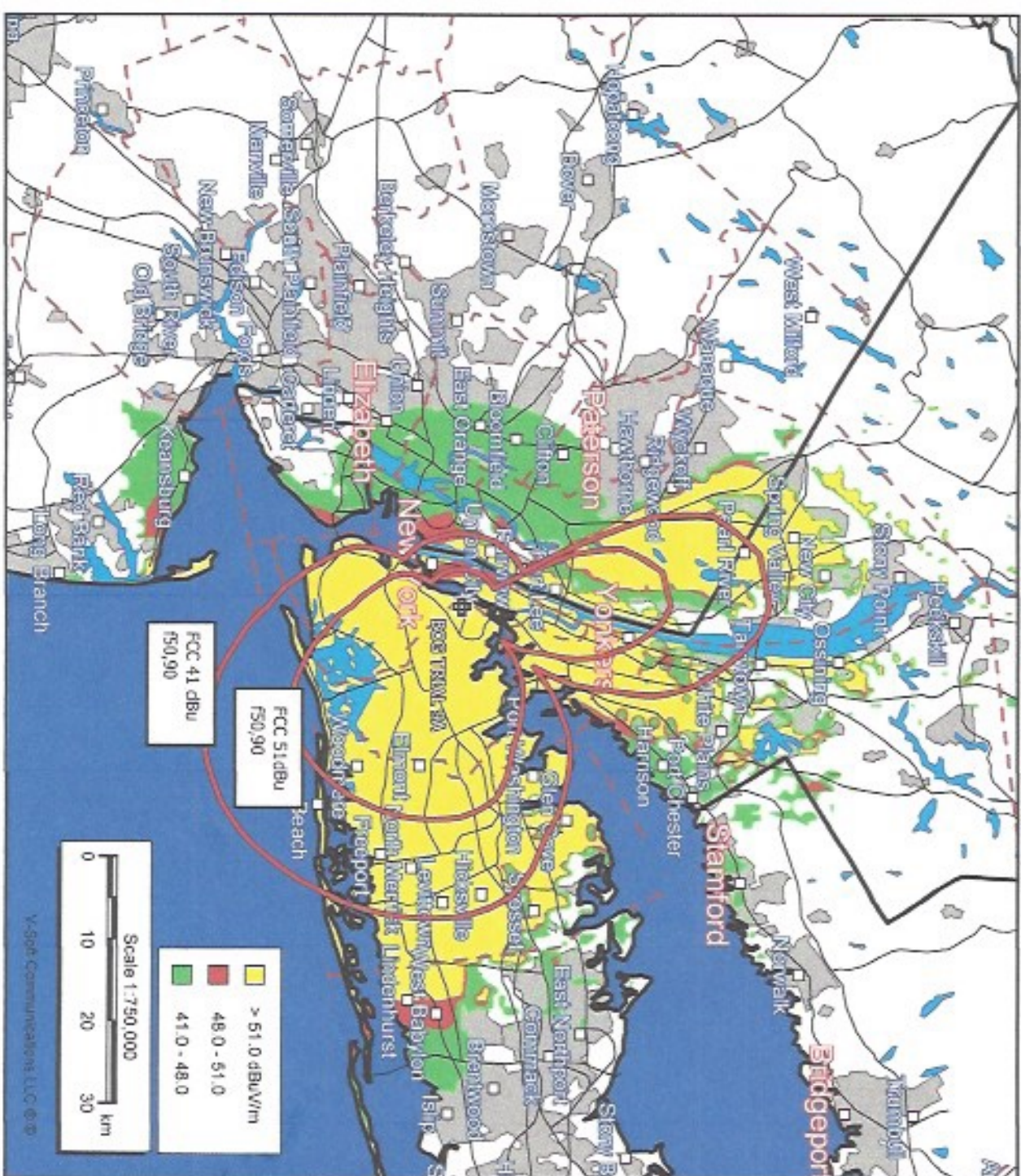
Maximum new IX to LPTV: 2.00%

---- Below is IX received by proposal W26DC-D AS31FS0501 ----

\*\*MX with BLANK0000048135 APP scenario 1, 89.36% interference received

**BOG TRIAL 9A**

Latitude: 40-44-50 N  
Longitude: 073-56-38 W  
ERP: 0.20 kW  
Channel: 31  
Frequency: 575.0 MHz  
AMSL Height: 213.0 m  
Elevation: 1.211 m  
Horiz. Pattern: Directional  
Vert. Pattern: Yes  
Elec. Tilt: 0.0  
Prop. Model: Longley-Rice  
Climate: Cont. temperate  
Conductivity: 0.0050  
Dielec. Const: 15.0  
Refractivity: 301.0  
Receiver Ht AG: 10.0 m  
Receiver Gain: 0 dB  
Time Variability: 90.0%  
St. Variability: 50.0%  
ITM Mode: Broadcast



3/15/18