

Second Filing Window Expanded Facility Application

In connection with the Broadcast Television Incentive Auction (Auction 1000) the Commission initiated a transition period during which the facilities of broadcast television stations that received new channel assignments in the post-incentive auction repacking process will be reauthorized and relicensed. The first filing window closed on September 15, 2017. This application is filed in accordance with the second filing window, which will close on November 2, 2017.

During the second filing window, any reassigned station or band changing station may file an amendment to its initial construction permit application, if still pending, or a modification to its construction permit, if granted, to seek an alternate channel or expanded facilities from that specified in the *Closing and Channel Reassignment Public Notice*.¹ The instant proposal, a minor change under the Commission's rules, expands the assigned technical facility beyond that applied for in the first filing window.

Post-Transition DTV Considerations

A study was performed using the FCC's software program, *tvstudy*, v.2.2.3, to ensure that the technical facility proposed herein protects the facilities proposed in the first priority filing window, whether those stations' applications have been granted or remain pending while protecting the construction permit facilities of reassigned stations and band changing stations filed in the initial 90-day filing window, whether those

¹ See *Incentive Auction Closing and Channel Reassignment Public Notice: The Broadcast Television Incentive Auction Closes; Reverse Auction and Forward Auction Results Announced; Final Television Band Channel Assignments Announced; Post-Auction Deadlines Announced*, Public Notice, 32 FCC Rcd 2786 (2017) (*Closing and Channel Reassignment Public Notice*).

stations' applications have been granted or remain pending. Further, the instant proposal protects the facilities specified in applications filed before the April 2013 freeze with "cut-off" protection.

As demonstrated in the attached study results, the instant proposal is predicted to cause no new interference exceeding 0.5% to the populations served by any of the relevant protections discussed above. Accordingly, the instant proposal satisfies all applicable DTV interference criteria.

International DTV Considerations

As shown in the attached study, the transmitter site specified herein is within 320 kilometers of the common border between the United States of America and Canada. As demonstrated in the attached study, the maximized technical facility proposed herein satisfies DTV interference criteria with respect to all relevant Canadian allotments, applications and assignments. International notification and coordination of the instant proposal is respectfully requested.

tvstudy v2.2.3 (Dxtpx3)
Database: localhost, Study: WGCE-CD 26 15K 171016, Model: Longley-Rice
Start: 2017.10.16 15:29:09

Study created: 2017.10.16 15:28:12

Study build station data: LMS TV 2017-10-01 (38)

Proposal: WGCE-CD D26 DC APP ROCHESTER, NY
File number: WGCE-CD 26 15K 171016
Facility ID: 58739
Station data: User record
Record ID: 2077
Country: U.S.

Build options:
Protect LPTV records from Class A

Search options:
Non-U.S. records included
Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WSKA	D25	DT	CP	CORNING, NY	BLANK0000028161	117.9 km
W26BF	D26-	LD	APP	ELMIRA, NY	BLANK0000021768	129.2
WPBS-DT	D26	DT	CP	WATERTOWN, NY	BLANK0000027234	170.2
CJMT-DT	D26	DT	LIC	TORONTO, ON	BLANKCANADA236	156.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26
Mask: Stringent
Latitude: 43 8 7.00 N (NAD83)
Longitude: 77 35 6.00 W
Height AMSL: 276.4 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Patrn: Generic
Elec Tilt: 1.8

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	168.1 m	49.1 km
45.0	15.0	164.4	48.9
90.0	15.0	137.6	47.1
135.0	15.0	121.3	46.0
180.0	15.0	89.3	42.6
225.0	15.0	111.6	45.2
270.0	15.0	106.8	44.7
315.0	15.0	139.1	47.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 130 m

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

**Proposal 24.95 dBu contour crosses Canadian border, coordination required
Distance to Canadian border: 84.2 km

Distance to Mexican border: 2577.2 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 133.5 degrees Distance: 35.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 271.2 degrees Distance: 2308.9 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%

 Interference to BLANK0000028161 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSKA	D25	DT	CP	CORNING, NY	BLANK0000028161	
Undesireds:	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	126.9 km
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	WGCE-CD 26 15K 171016	117.9
	WPXJ-TV	D24	DT	CP	BATAVIA, NY	BLANK0000026968	113.6
	WNUV	D25	DT	CP	BALTIMORE, MD	BLANK0000027773	313.9
	WMHT	D25	DT	CP	SCHENECTADY, NY	BLANK0000028390	257.5
	WTVU-CD	D25	DC	CP	SYRACUSE, NY	BLANK0000028819	126.2
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	306.3
	CBLFT-DT	D25	DT	LIC	TORONTO, ON	BLANKCANADA235	251.4
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	15337.8	486,350	12876.4	374,251	12612.4	367,757	12609.4 367,744 0.02 0.00
Undesired			Total IX		Unique IX, before	Unique IX, after	
WGCE-CD D26 DC BL		0.0	0		0.0	0	
WGCE-CD D26 DC APP		4.0	35			3.0	13
WPXJ-TV D24 DT CP		17.2	232		8.1	106	106
WNUV D25 DT CP		6.0	35		3.0	33	33
WMHT D25 DT CP		101.5	2,915		87.4	2,562	2,562
WTVU-CD D25 DC CP		7.1	128		1.0	0	0
KDKA-TV D25 DT LIC		104.1	672		85.1	502	502
CBLFT-DT D25 DT LIC		71.4	3,163		37.2	2,640	2,618

 Interference to BLANK0000021768 APP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W26BF	D26-	LD	APP	ELMIRA, NY	BLANK0000021768	
Undesireds:	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	139.1 km
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	WGCE-CD 26 15K 171016	129.2
	WSKA	D25	DT	CP	CORNING, NY	BLANK0000028161	23.8
	W26DB-D	D26-	LD	LIC	PORT JERVIS, NY	BLANK0000014198	221.0
	W26DC-D	D26	LD	CP	ROSLYN, NY	BLANK0000003358	305.3
	WPBS-DT	D26	DT	CP	WATERTOWN, NY	BLANK0000027234	211.0
	W26CV-D	D26	LD	LIC	MANSFIELD, PA	BLDTT20090810AAC	42.8
	WOSC-CD	D26	DC	APP	PITTSBURGH, PA	BLANK0000029678	324.6
	WIVT	D27	DT	CP	BINGHAMTON, NY	BLANK0000028447	70.2
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	3417.7	166,089	2824.4	134,443	2693.4	132,052	2692.4 132,009 0.04 0.03
Undesired			Total IX		Unique IX, before	Unique IX, after	
WGCE-CD D26 DC BL		0.0	0		0.0	0	
WGCE-CD D26 DC APP		3.0	67			1.0	43
WSKA D25 DT CP		80.7	1,683		68.8	1,589	1,589
WPBS-DT D26 DT CP		17.2	173		15.2	173	149
W26CV-D D26 LD LIC		46.0	629		33.0	535	535
WIVT D27 DT CP		1.0	0		0.0	0	0

 Interference to BLANK0000027234 CP, scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired:	WPBS-DT	D26	DT	CP	WATERTOWN, NY	BLANK0000027234		
Undesireds:	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	176.0	km
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	WGCE-CD 26 15K 171016	170.2	
	WTVU-CD	D25	DC	CP	SYRACUSE, NY	BLANK0000028819	96.2	
	WIXT-CD	D27	DC	CP	DEWITT, NY	BLANK0000028825	99.6	
	CIVM-DT	D26	DT	LIC	MONTRAL, QC	BLANKCANADA277	255.1	

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	16661.8	248,101	15960.0	232,318	15849.8	230,359	15796.5	230,074	0.34 0.12
	2469.4	154,923	2469.4	154,923	2468.4	154,923	2468.4	154,923	0.00 0.00

(in Canada)

Undesired				Total IX	Unique IX, before	Unique IX, after		
WGCE-CD	D26	DC	BL	1.0	12	0.0	0	
WGCE-CD	D26	DC	APP	87.3	898		53.3	285
WTVU-CD	D25	DC	CP	14.0	338	0.0	0.0	0
WIXT-CD	D27	DC	CP	66.0	1,678	52.0	1,340	35.0
CIVM-DT	D26	DT	LIC	44.3	281	44.3	281	37.2
CIVM-DT	D26	DT	LIC	1.0	0	1.0	0	0

(in Canada)

Interference to BLANKCANADA236 LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	CJMT-DT	D26	DT	LIC	TORONTO, ON	BLANKCANADA236	
Undesireds:	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	145.2 km
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	WGCE-CD 26 15K 171016	156.1
	WPBS-DT	D26	DT	CP	WATERTOWN, NY	BLANK0000027234	294.8
	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	186.6
	WOSC-CD	D26	DC	APP	PITTSBURGH, PA	BLANK0000029678	358.4
	CKCO-TV-3	D26	DT	LIC	SARNIA, ON	BLANKCANADA216	245.5
	CIII-DT-27	D27	DT	LIC	PETERBOROUGH, ON	BLANKCANADA213	110.5

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	3037.6	250,074	3037.6	250,074	3037.6	250,074	3034.6	249,979	0.10 0.04
	17729.0	7,390,622	17657.5	7,384,192	17516.8	7,370,441	17491.6	7,369,614	0.14 0.01

(in U.S.)

Undesired				Total IX	Unique IX, before	Unique IX, after	
WGCE-CD	D26	DC	BL	0.0	0	0.0	0
WGCE-CD	D26	DC	APP	3.0	95		3.0
WGCE-CD	D26	DC	BL	23.2	0	12.1	0
WGCE-CD	D26	DC	APP	55.5	6,786		37.3
WPBS-DT	D26	DT	CP	4.0	0	0.0	0
WFXP	D26	DT	CP	88.3	6,798	82.3	3,433
CKCO-TV-3	D26	DT	LIC	20.1	10,318	14.1	6,953
CIII-DT-27	D27	DT	LIC	25.2	0	15.1	0

(in U.S.)

Interference to proposal, scenario 1
0.73% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	WGCE-CD 26 15K 171016	
Undesireds:	WPBS-DT	D26	DT	CP	WATERTOWN, NY	BLANK0000027234	170.2 km
	CJMT-DT	D26	DT	LIC	TORONTO, ON	BLANKCANADA236	156.1

	Service area		Terrain-limited		IX-free		Percent IX
	6765.6	955,788	6725.3	954,764	6576.2	947,810	2.22 0.73

Undesired				Total IX	Unique IX	Prcnt Unique IX
WPBS-DT	D26	DT	CP	113.1	6,017	110.1
CJMT-DT	D26	DT	LIC	39.0	963	36.0