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 initial 90-day 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.

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tvstudy v2.2.3 (Dxtpx3)
Database: localhost, Study: WYDC-30 OMNI 55KW 717C 311H, Model: Longley-Rice
Start: 2017.11.01 15:49:40

Study created: 2017.11.01 15:48:53

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

    Proposal: WYDC D30 DT CP CORNING, NY
 File number: WYDC-30 OMNI 55KW 717C 311H
 Facility ID: 62219
Station data: User record
   Record ID: 2352
     Country: U.S.
        Zone: I

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

Call	Chan	Svc	Status	City, State	File Number	Distance
WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	104.7 km
WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	191.3
WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	93.8
CITY-DT	D30	DT	LIC	TORONTO, ON	BLANKCANADA238	251.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

    Channel: D30
   Latitude: 42 8 31.20 N (NAD83)
  Longitude: 77 4 38.80 W
Height AMSL: 717.0 m
       HAAT: 311.3 m
   Peak ERP: 55.0 kW
    Antenna: Omnidirectional
Elev Pattrn: Generic
  Elec Tilt: 2.7

40.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	55.0 kW	245.0 m	71.6 km
45.0	55.0	353.4	80.7
90.0	55.0	394.5	84.0
135.0	55.0	256.7	72.4
180.0	55.0	247.2	71.8
225.0	55.0	294.7	75.4
270.0	55.0	296.4	75.5
315.0	55.0	403.8	84.6

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

**Proposal is within coordination distance of Canadian border
Distance to Canadian border: 167.1 km

Distance to Mexican border: 2550.6 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 349.8 degrees   Distance: 87.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 274.1 degrees   Distance: 2355.5 km

Study cell size: 2.00 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 BLCDT20090223ABU LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	
Undesireds:	WYDC	D30	DT	BL	CORNING, NY	DTVBL62219	104.7 km
	WYDC	D30	DT	CP	CORNING, NY	WYDC-30 OMNI 55KW 717C	104.7
	WWPB	D29	DT	CP	HAGERSTOWN, MD	BLANK0000025180	186.6
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000027106	354.0
	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	277.4
	WNEO	D29	DT	CP	ALLIANCE, OH	BLANK0000027481	319.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13077.4	410,269	9677.6	254,586	9411.9	252,980	9411.9	252,980	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WYDC D30 DT BL	0.0	0	0.0	0		
WYDC D30 DT CP	20.1	260			0.0	0
WWPB D29 DT CP	185.2	1,231	140.9	968	128.8	835
WLNY-TV D29 DT CP	4.1	47	4.1	47	4.1	47
WKTV D29 DT LIC	88.8	579	48.5	316	40.4	189
WNEO D29 DT CP	32.0	12	28.1	12	28.1	12

Interference to BLCDT20040217ADC LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	
Undesireds:	WYDC	D30	DT	BL	CORNING, NY	DTVBL62219	191.3 km
	WYDC	D30	DT	CP	CORNING, NY	WYDC-30 OMNI 55KW 717C	191.3
	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	19.7
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	250.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	344.9
	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	136.0
	CIVO-DT	D30	DT	LIC	GATINEAU, QC	BLANKCANADA265	267.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
14107.6	526,114	12682.2	481,957	10562.9	443,862	10431.7	441,809	1.24	0.46

Undesired	Total IX		Unique IX, before		Unique IX, after	
WYDC D30 DT BL	8.0	82	8.0	82		
WYDC D30 DT CP	254.6	2,753			139.2	2,135
WKTV D29 DT LIC	2035.5	37,311	1915.9	33,576	1844.3	33,399
WEDH D30 DT CP	107.4	3,735	19.9	176	19.9	176
KYW-TV D30 DT CP	24.1	243	12.0	124	8.0	73
WSKG-TV D31 DT CP	12.0	76	4.0	21	4.0	21
CIVO-DT D30 DT LIC	79.8	805	31.9	255	16.0	228

Interference to BLANK0000028130 CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	
Undesireds:	WYDC	D30	DT	BL	CORNING, NY	DTVBL62219	93.7 km
	WYDC	D30	DT	CP	CORNING, NY	WYDC-30 OMNI 55KW 717C	93.8
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000027739	260.8
	WETA-TV	D31	DT	APP	WASHINGTON, DC	BLANK0000029879	358.8
	WMPT	D31	DT	CP	ANNAPOLIS, MD	BLANK0000025178	343.7
	WNED-TV	D31	DT	CP	BUFFALO, NY	BLANK0000026684	266.3
	WWTI	D31	DT	CP	WATERTOWN, NY	BLANK0000028475	203.0
	WATM-TV	D31	DT	CP	ALTOONA, PA	BLANK0000028661	266.5
	WTXF-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000027331	232.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
21139.9	892,432	18494.3	632,449	18124.6	624,726	18044.7	622,924	0.44	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WYDC D30 DT BL	16.0	355	4.0	39		
WYDC D30 DT CP	100.0	2,168			84.0	1,841
WVIT D31 DT CP	96.5	1,805	48.3	1,451	48.3	1,451
WETA-TV D31 DT APP	4.0	15	0.0	0	0.0	0
WMPT D31 DT CP	4.0	15	0.0	0	0.0	0
WNED-TV D31 DT CP	80.2	2,621	48.1	1,401	48.1	1,401
WWTI D31 DT CP	52.2	731	32.1	649	32.1	649
WATM-TV D31 DT CP	124.7	2,568	80.5	1,100	80.5	1,100
WTXF-TV D31 DT CP	120.6	1,698	52.2	1,194	52.2	1,194

Interference to BLANKCANADA238 LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	CITY-DT	D30	DT	LIC	TORONTO, ON	BLANKCANADA238	
Undesireds:	WYDC	D30	DT	BL	CORNING, NY	DTVBL62219	251.4 km
	WYDC	D30	DT	CP	CORNING, NY	WYDC-30 OMNI 55KW 717C	251.4
	WNED-TV	D31	DT	CP	BUFFALO, NY	BLANK0000026684	77.8
	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	66.0
	CITS-DT-2	D30	DT	LIC	LONDON, ON	BLANKCANADA185	176.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3017.6	253,684	3017.6	253,684	2969.8	222,549	2969.8	222,549	0.00	0.00
(in U.S.)									
17782.4	7,391,590	17694.4	7,390,862	17506.8	7,347,184	17506.8	7,347,184	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after		
WYDC D30 DT BL	0.0	0	0.0	0			
WYDC D30 DT CP	4.0	1,701			0.0	0	
WNED-TV D31 DT CP	47.8	31,135	47.8	31,135	47.8	31,135	(in U.S.)
WNED-TV D31 DT CP	159.6	27,154	75.8	10,463	75.8	10,463	
CKVP-DT D29 DT LIC	83.8	16,691	0.0	0	0.0	0	
CITS-DT-2 D30 DT LIC	28.0	16,524	28.0	16,524	28.0	16,524	

Interference to proposal, scenario 1
1.11% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYDC	D30	DT	CP	CORNING, NY	WYDC-30 OMNI 55KW 717C	
Undesireds:	WBGT-CD	D29	DC	CP	ROCHESTER, NY	BLANK0000026215	124.2 km
	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	191.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	279.4
	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	93.8
	CITY-DT	D30	DT	LIC	TORONTO, ON	BLANKCANADA238	251.4

Service area		Terrain-limited		IX-free		Percent IX	
18683.3	560,266	15986.5	449,486	15653.8	444,503	2.08	1.11

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBGT-CD D29 DC CP	40.1	776	32.1	643	0.20	0.14
WUTR D30 DT LIC	120.2	1,651	88.2	1,177	0.55	0.26
KYW-TV D30 DT CP	84.5	671	60.4	332	0.38	0.07
WSKG-TV D31 DT CP	115.9	2,249	95.9	1,953	0.60	0.43
CITY-DT D30 DT LIC	24.0	374	12.0	209	0.08	0.05