

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 not within 320 kilometers of either the common border between the United States of America and Canada or between the USA and Mexico. Therefore, international notification and coordination of the instant proposal is not required.

tvstudy v2.2.3 (Dxtpx3)

Database: localhost, Study: WGFL 29 DA 300K 171012, Model: Longley-Rice
Start: 2017.10.12 22:34:54

Study created: 2017.10.12 22:34:40

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

Proposal: WGFL D29 DT APP HIGH SPRINGS, FL
File number: WGFL 29 DA 300K 171012
Facility ID: 7727
Station data: User record
Record ID: 2018
Country: U.S.
Zone: III

Search options:

Non-U.S. records included

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number
Distance					
WXPX-TV	D29	DT	CP	BRADENTON, FL	BLANK0000027004
203.5 km					

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29
Latitude: 29 37 47.70 N (NAD83)
Longitude: 82 34 24.00 W
Height AMSL: 313.2 m
HAAT: 288.0 m
Peak ERP: 300 kW
Antenna: DIE-TFU-16DSB/VP-W (ID 1001734) 0.0 deg
Elev Pattnr: Generic
Elec Tilt: 1.5

40.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	282 kW	287.0 m	85.1 km
45.0	288	280.4	84.3
90.0	259	288.2	84.6
135.0	282	289.0	85.4
180.0	123	291.8	79.9
225.0	21.1	293.6	70.1
270.0	60.8	285.9	75.3
315.0	212	288.1	83.1

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

Distance to Canadian border: 1339.0 km

Distance to Mexican border: 1467.1 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 139.5 degrees Distance: 293.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 305.6 degrees Distance: 2361.8 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 BLANK0000027004 CP, scenario 1

	Call	Chan	Svc	Status	City, State	File Number
Distance						
Desired:	WXPX-TV	D29	DT	CP	BRADENTON, FL	
BLANK0000027004						
Undesireds:	WGFL	D29	DT	BL	HIGH SPRINGS, FL	DTVBL7727
203.5 km						
	WGFL	D29	DT	APP	HIGH SPRINGS, FL	WGFL 29 DA
300K 171012	203.5					
	WZVN-TV	D28	DT	CP	NAPLES, FL	
BLANK0000028590		121.1				
	WRBW	D28	DT	CP	ORLANDO, FL	
BLANK0000027486		146.8				
	WMVJ-CD	D29	DC	LIC	MELBOURNE, FL	
BLDTA20121120AEA		157.7				
	WEFS	D30	DT	LIC	COCOA, FL	
BLEDT20130801ABM		146.8				

	Service area	Terrain-limited	IX-free, before	IX-
free, after	Percent	New IX		
30612.3	4,566,037	30604.2	4,564,088	29971.6
4,482,745	0.31	0.06	4,485,612	29879.1

Undesired	Total IX	Unique IX, before	Unique
IX, after			
WGFL D29 DT BL	84.5	1,986	84.5
WGFL D29 DT APP	181.1	5,002	1,986
4,853			177.1

WZVN-TV D28 DT CP	75.5	7,010	75.5	7,010	75.5
7,010					
WRBW D28 DT CP	448.2	69,438	424.0	69,289	424.0
69,289					
WMVJ-CD D29 DC LIC	48.6	191	24.3	42	24.3
42					
WEFS D30 DT LIC	4.0	149	0.0	0	0.0
0					

Interference to proposal, scenario 1
2.92% interference

Distance	Call	Chan	Svc	Status	City, State	File Number
Desired:	WGFL	D29	DT	APP	HIGH SPRINGS, FL	WGFL 29 DA
300K 171012						
Undesireds:	WXPX-TV	D29	DT	CP	BRADENTON, FL	
BLANK0000027004					203.5 km	
	WQXT-CD	D29	DC	CP	ST. AUGUSTINE, FL	
BLANK0000028538					118.9	

IX	Service area	Terrain-limited	IX-free	Percent
20692.9	877,163	20692.9	877,163	20324.2
2.92			851,569	1.78

Undesired IX	Total IX	Unique IX	Prcnt Unique
WXPX-TV D29 DT CP	80.3	14,470	80.3
1.65			14,470
WQXT-CD D29 DC CP	288.4	11,124	288.4
1.27			11,124