



(REFERENCE COPY - Not for submission)

# Amendment to a DTV Engineering STA Application

File Number: **0000049105** | Submit Date: **05/16/2018** | Call Sign: **WLNY-TV** | Facility ID: **73206** | FRN: **0021355177** |  
State: **New York** | City: **RIVERHEAD**  
Service: **DTV** | Purpose: **Engineering STA Amendment** | Status: **Superceded** | Status Date: **05/24/2018** | Filing Status:  
**InActive**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CBS LITV LLC Doing Business As: CBS LITV LLC	Daniel G. Ryson 1725 DeSales St. NW Suite 501 Washington, DC 20036-4426 United States	+1 (202) 457-4505	dryson@cbs.com	Limited Liability Company

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

Contact  
Representatives  
(2)

Contact Name	Address	Phone	Email	Contact Type
Joseph M. Davis , P.E. . <i>Consulting Engineer</i> Chesapeake RF Consultants, LLC	207 Old Dominion Road Yorktown, VA 23692 United States	+1 (703) 650-9600	Joseph.Davis@RF- consultants.com	Technical Representative
Daniel G. Ryson <i>Associate Director of Spectrum Management</i> CBS	Daniel G. Ryson 1725 DeSales St. NW Suite 501 Washington, DC 20036-4426 United States	+1 (202) 457-4074	dryson@cbs.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	73206	
State	New York	
City	RIVERHEAD	
DTV Channel	27	
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1006717
Coordinates (NAD83)	Latitude	40° 53' 50.3" N+
	Longitude	072° 54' 54.2" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	195.6 meters
	Support Structure Height	183.9 meters
	Ground Elevation (AMSL)	27.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	189 meters
	Height of Radiation Center Above Average Terrain	193 meters
	Height of Radiation Center Above Mean Sea Level	216.4 meters
	Effective Radiated Power	1000 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1002181
Antenna Manufacturer and Model	Manufacturer:	JAM
	Model	JSM-16/D29 TCCP
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Circular
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.301	90	0.279	180	0.217	270	0.965
10	0.337	100	0.197	190	0.215	280	0.867
20	0.337	110	0.142	200	0.276	290	0.723
30	0.289	120	0.203	210	0.399	300	0.557
40	0.203	130	0.289	220	0.557	310	0.399
50	0.142	140	0.337	230	0.723	320	0.276
60	0.197	150	0.337	240	0.867	330	0.215
70	0.279	160	0.301	250	0.965	340	0.217
80	0.313	170	0.254	260	1.000	350	0.254

Additional Azimuths

Degree	V <sub>A</sub>
15	0.342
145	0.342

## Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>Andrew J Siegel</b> <i>Assistant Secretary</i>  05/16/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">GatesAir Delivery Confirmation Letter WLNY.pdf</a>	Applicant	All Purpose	GatesAir Letter
<a href="#">Jampro Letter WCBS-WLNY Letter.pdf</a>	Applicant	All Purpose	Jampro Letter
<a href="#">Jampro WLNY-TV Technical Proposal Channel 27.pdf</a>	Applicant	Amendment	Jampro Proposal
<a href="#">Northeast Tower Letter.pdf</a>	Applicant	All Purpose	Northeast Tower Letter
<a href="#">RiverheadNY WLNY Statement 2018May15B.pdf</a>	Applicant	General Information	Engineering Statement
<a href="#">STA Statement WLNY 5-15-2018 DGR Rev3.pdf</a>	Applicant	Amendment	STA Statement
<a href="#">WLNY Package - Redacted.pdf</a>	Applicant	Amendment	T-Mobile Statement