



(REFERENCE COPY - Not for submission)

Amendment to a DTV Engineering STA Application

File Number: **0000107719** | Submit Date: **04/13/2020** | Call Sign: **WJZ-TV** | Facility ID: **25455** | FRN: **0021079769** | State: **Maryland** | City: **BALTIMORE**

Service: **DTV** | Purpose: **Engineering STA Amendment** | Status: **Granted** | Status Date: **04/13/2020** | Expiration Date: **07/03/2020** | 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 TELEVISION LICENSES LLC Doing Business As: CBS TELEVISION LICENSES LLC	Daniel G. Ryson 1725 DeSales St. NW Suite 501 Washington, DC 20036 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>Director of Spectrum Management</i> ViacomCBS	Daniel G. Ryson 1725 DeSales St. NW Suite 501 Washington, DC 20036 United States	+1 (202) 457- 4074	dryson@cbs.com	Technical Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	25455
	State	Maryland
	City	BALTIMORE
	DTV Channel	13
	Designated Market Area	Baltimore
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	1035558
Coordinates (NAD83)	Latitude	39° 20' 05.0" N+
	Longitude	076° 39' 02.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	304.0 meters
	Support Structure Height	271.0 meters
	Ground Elevation (AMSL)	97.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	261 meters
	Height of Radiation Center Above Average Terrain	273 meters
	Height of Radiation Center Above Mean Sea Level	358.0 meters
	Effective Radiated Power	21.5 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006660
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TLS-V4B
	Rotation	0 degrees
	Electrical Beam Tilt	2
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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	0.814	90	0.952	180	0.535	270	0.573
10	0.869	100	0.915	190	0.537	280	0.552
20	0.915	110	0.869	200	0.552	290	0.537
30	0.952	120	0.814	210	0.573	300	0.535
40	0.978	130	0.755	220	0.593	310	0.551
50	0.995	140	0.693	230	0.608	320	0.585
60	1	150	0.635	240	0.613	330	0.635
70	0.995	160	0.585	250	0.608	340	0.693
80	0.978	170	0.551	260	0.593	350	0.755

Additional Azimuths

Degree	V _A
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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	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID 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.	Andrew J Siegel <i>Assistant Secretary</i> 04/13/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WJZ-TV STA Engineering Statement - Amendment.pdf</u>	Applicant	Amendment	Engineering Statement - Amendment
<u>WJZ-TV STA Engineering Statement.pdf</u>	Applicant	General Information	Engineering Statement