



(REFERENCE COPY - Not for submission)

License To Cover for DTS Application

File Number: **0000221338** | Submit Date: **09/25/2023** | Call Sign: **WVPY** | Facility ID: **66378** | FRN: **0006692347** | State: **Virginia** | City: **NEW MARKET**

Service: **DTS** | Purpose: **License To Cover 0000052522** | Status: **Granted** | Status Date: **09/25/2023** | Expiration Date: **10/01/2028** | Filing Status: **Active**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	No

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	
	Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	No

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
COMMONWEALTH PUBLIC BROADCASTING CORPORATION	23 SESAME STREET	+1 (804) 320-1301	cmonk@ideastations.org	Limited Liability Company
Doing Business As: COMMONWEALTH PUBLIC BROADCASTING CORPORATION	RICHMOND, VA 23235 United States			

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
(1)

Contact Name	Address	Phone	Email	Contact Type
Ari Meltzer Wiley Rein LLP	1776 K Street, NW Washington, DC 20006 United States	+1 (202) 719-7467	ameltzer@wileyrein.com	Legal Representative

Alien Ownership

Question	Response
1) Is the applicant a foreign government or the representative of any foreign government as specified in Section 310(a) of the Communications Act?	
2) Is the applicant an alien or the representative of an alien? (Section 310(b)(1))	
3) Is the applicant a corporation, or non-corporate entity, that is organized under the laws of any foreign government? (Section 310(b)(2))	
4) Is the applicant an entity of which more than one-fifth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any entity organized under the laws of a foreign country? (Section 310(b)(3))	
5) Is the applicant directly or indirectly controlled by any other entity of which more than one-fourth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any entity organized under the laws of a foreign country? (Section 310(b)(4))	
6) Has the applicant received a declaratory ruling(s) under Section 310(b)(4) of the Communications Act?	
7) In connection with this application, is the applicant filing a foreign ownership Petition for Declaratory Ruling pursuant to Section 310(b)(4) of the Communications Act?	

Basic Qualifying Questions

Section	Question	Response
Revoked Application	Has the Applicant or any party to this application had any FCC station Authorization revoked or had any application for an initial, modification or renewal of FCC station Authorization denied by the Commission?	
State or Federal Convictions	Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	

Channel Sharing

Section	Question			Response		
Channel Sharing	Is this filing to dissolve a Channel Sharing Arrangement?					
Enter the Facility ID of the station to be shared:	Facility ID	Call Sign		Service	City	State
	60111	WVPT		DTS	STAUNTON	VA
Input the Facility ID of station(s) listed in the CSA:	Facility ID	Call Sign		Service	City	State
	66378	WVPY		DTV	FRONT ROYAL	VA

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	66378
	State	Virginia
	City	NEW MARKET
	DTS Channel	15
	Designated Market Area	WASHINGTON DC (HAGRSTWN)
Facility Type	Facility Type	Noncommercial Educational
	Station Type	Main
Zone	Zone	1

DTS Reference
Point

Section	Question	Response
Construction Permit File Number and Facility ID	File Number for Current Authorized Service Area:	BLEDT-20140714AAV
	Facility ID	66378
Coordinates (NAD83)	Latitude	38° 09' 54.4" N+
	Longitude	079° 18' 50.1" W-

Site 1: Antenna
Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	38° 09' 54.4" N+
	Longitude	079° 18' 50.1" W-
	Structure Type	MAST-Self-support struct
	Overall Structure Height	12 meters
	Support Structure Height	12 meters
	Ground Elevation (AMSL)	1323 meters
Antenna Data	Height of Radiation Center Above Ground Level	10 meters
	Height of Radiation Center Above Average Terrain	689 meters
	Height of Radiation Center Above Mean Sea Level	1333 meters
	Effective Radiated Power	195 kW

Site 1: Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1011091
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TUL-BP2 6/12 M 1
	Electrical Beam Tilt	2
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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?	
	Rotation	0 degrees
	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	.014	90	.996	180	.843	270	.267
10	.103	100	.953	190	.939	280	.127
20	.237	110	.865	200	.991	290	.027
30	.395	120	.731	210	.996	300	.001
40	.546	130	.610	220	.953	310	.001
50	.712	140	.641	230	.865	320	.001
60	.843	150	.651	240	.741	330	.001
70	.939	160	.607	250	.590	340	.001
80	.991	170	.698	260	.427	350	.001

Additional Azimuths

Degree	V _A
92	1.0
212	1.0

Site 1: Operating
Constants

Section	Question	Response
Transmitter and Transmission Line	Transmitter Power Output (TPO): <i>(average power at input to transmission line, after any filter attached to the transmitter, if used)</i>	9.88 dBk 9.73 kW
	Transmission Line Loss (LL):	0.36 dB
	Antenna Input Power (AIP):	9.52 dBk
	Max. Antenna Power Gain (AG)	13.38 dB
	Effective Radiated Power (ERP) <i>(Average Power)</i>	22.90 dBk 195 kW

Site 2: Antenna
Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1018222
Coordinates (NAD83)	Latitude	37° 59' 00.0" N+
	Longitude	078° 29' 01.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	90.5 meters
	Support Structure Height	81.7 meters
	Ground Elevation (AMSL)	427.1 meters
Antenna Data	Height of Radiation Center Above Ground Level	66 meters
	Height of Radiation Center Above Average Terrain	333 meters
	Height of Radiation Center Above Mean Sea Level	493.1 meters
	Effective Radiated Power	15 kW

Site 2: Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1011089
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TUL-BP2-1/2M-1-K
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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?	
	Rotation	0 degrees
	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	1.00	90	.087	180	.609	270	.369
10	.973	100	.123	190	.775	280	.346
20	.882	110	.135	200	.882	290	.368
30	.755	120	.123	210	.973	300	.346
40	.609	130	.087	220	.999	310	.369
50	.449	140	.039	230	.947	320	.487
60	.285	150	.133	240	.816	330	.648
70	.133	160	.285	250	.648	340	.816
80	.039	170	.449	260	.487	350	.947

Additional Azimuths

Degree	V _A
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Site 2: Operating
Constants

Section	Question	Response
Transmitter and Transmission Line	Transmitter Power Output (TPO): <i>(average power at input to transmission line, after any filter attached to the transmitter, if used)</i>	3.42 dBk 2.2 kW
	Transmission Line Loss (LL):	0.81 dB
	Antenna Input Power (AIP):	2.61 dBk
	Max. Antenna Power Gain (AG)	9.15 dB
	Effective Radiated Power (ERP) <i>(Average Power)</i>	11.76 dBk 15 kW

Site 3: Antenna
Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1018206
Coordinates (NAD83)	Latitude	38° 36' 03.9" N+
	Longitude	078° 37' 56.8" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	73.5 meters
	Support Structure Height	61.3 meters
	Ground Elevation (AMSL)	903.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	59.1 meters
	Height of Radiation Center Above Average Terrain	583.84 meters
	Height of Radiation Center Above Mean Sea Level	962.1 meters
	Effective Radiated Power	0.1 kW

Site 3: Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1011090
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TUL-C2SP-15 COS 66_33
	Electrical Beam Tilt	Not Applicable
	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?	
	Rotation	0 degrees
	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	.657	90	.981	180	.111	270	.001
10	.691	100	.964	190	.019	280	.001
20	.684	110	.959	200	.001	290	.014
30	.569	120	.913	210	.001	300	.080
40	.352	130	.825	220	.001	310	.175
50	.373	140	.702	230	.001	320	.286
60	.683	150	.554	240	.001	330	.399
70	.92	160	.397	250	.001	340	.505
80	1.0	170	.243	260	.001	350	.594

Additional Azimuths

Degree	V _A
45	.300

Site 3: Operating
Constants

Section	Question	Response
Transmitter and Transmission Line	Transmitter Power Output (TPO): <i>(average power at input to transmission line, after any filter attached to the transmitter, if used)</i>	-17.45 dBk 0.018 kW
	Transmission Line Loss (LL):	1.20 dB
	Antenna Input Power (AIP):	-18.65 dBk
	Max. Antenna Power Gain (AG)	8.65 dB
	Effective Radiated Power (ERP) <i>(Average Power)</i>	-10.00 dBk 0.1 kW

**Parties to the
Application (0)**

Information not provided.

Attributable Interest

Facility ID: 60111

Section	Question	Response
Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

Facility ID: 66378

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Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

License Certifications

Facility ID: 60111

Section	Question	Response
Main Studio Location	The main studio location complies with 47 C.F.R. Section 73.1125.	
	Country	
	PO Box	
	Address Line 1	
	Address Line 2	
	City	
	Province/Region	
	Postal Code	
	Phone	
Constructed Facility	The facility constructed as authorized in the underlying construction permit.	
Special Operating Conditions	The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. An exhibit may be required. Review the underlying construction permit.	
Transmitter	The transmitter complies with 47 C.F.R. Section 73.1660.	
Changing Transmitter Power Output	Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	
Replacing a Directional Antenna	Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna?	
	The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3).	

Use a formerly licensed main facility as an auxiliary facility	Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	
	The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	
	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

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Constructed Facility	The facility constructed as authorized in the underlying construction permit.	
Special Operating Conditions	The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. An exhibit may be required. Review the underlying construction permit.	
Transmitter	The transmitter complies with 47 C.F.R. Section 73.1660.	
Changing Transmitter Power Output	Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	
Replacing a Directional Antenna	Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna?	
	The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3).	
Use a formerly licensed main facility as an auxiliary facility	Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	
	The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	
	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

Legal
Certifications

Facility ID: 60111

Section	Question	Response
Obligations	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	
	Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.	
Character Issues	Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with: (a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or (b) any pending broadcast application in which character issues have been raised.	
Adverse Findings	Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?	

Section	Question	Response
Obligations	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	
	Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.	
Character Issues	Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with: (a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or (b) any pending broadcast application in which character issues have been raised.	
Adverse Findings	Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?	

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.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	

Attachments

Information not provided.