



(REFERENCE COPY - Not for submission)

Modification of a License for DTS Application

File Number: **0000235788** | Submit Date: **01/19/2024** | Call Sign: **WNUV** | Facility ID: **7933** | FRN: **0003778909** | State: **Maryland** | City: **BALTIMORE**

Service: **DTS** | Purpose: **Modification to License (Next Gen) 0000231488** | Status: **Pending** | Status Date: **01/19/2024** | Filing Status: **Active**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	No
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

Application Type	Fee Code	Fee Amount
Modification to License (Next Gen)	MJT	\$425.00
Total		\$425.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Baltimore (WNUV-TV) Licensee, Inc.	Lisa Asher 2000 W. 41st Street Baltimore, MD 21211 United States	+1 (410) 662- 9688	LAsher@cunninghambroadcasting. com	Corporation

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
Kevin Fisher Smith and Fisher, LLC.	Kevin Fisher 4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 505-1751	kevin@smithandfisher.com	Technical Representative
Scott R. Flick , Esq . Pillsbury Winthrop Shaw Pittman LLP	1200 Seventeenth Street, NW Washington, DC 20036 United States	+1 (202) 663-8167	scott.flick@pillsburylaw.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?	No
2) Is the applicant an alien or the representative of an alien? (Section 310(b)(1))	No
3) Is the applicant a corporation, or non-corporate entity, that is organized under the laws of any foreign government? (Section 310(b)(2))	No
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))	No
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))	No
6) Has the applicant received a declaratory ruling(s) under Section 310(b)(4) of the Communications Act?	No
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?	No

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?	No
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?	No

Next Gen
Information

Question	Response
Does this application seek a waiver of the Commission's local simulcasting requirement set forth in 47 CFR Section 73.3801(b)?	No

Applicant station's Current ATSC 1.0 simulcast host:

Facility ID	Call Sign	Community of License	Channel	Designated Market Area (DMA)
65942	WMPT	ANNAPOLIS , MD	21	BALTIMORE

Applicant station's ATSC 1.0 simulcast host:

Facility ID	Call Sign	Community of License	Channel	Designated Market Area (DMA)
65942	WMPT	ANNAPOLIS , MD	21	BALTIMORE

Section	Question	Response
Coverage Requirements for ATSC 1.0 Simulcast Signal	Will the applicant station comply with the ATSC 1.0 simulcasting coverage requirements set forth in 47 CFR Section 73.3801(c)?	Yes
Qualification for Expedited Processing	Does this application qualify for expedited processing under 47 CFR Section 73.3801(f)(5)?	No
Simulcasting Requirement and Agreement	The applicant has authority from its ATSC 1.0 simulcast host station to file this application.	Yes
	The applicant has entered into a local simulcasting agreement with its ATSC 1.0 simulcast host that complies with the requirements of 47 CFR Section 73.3801(e).	Yes
	Following commencement of ATSC 1.0 simulcast service, the applicant station will comply with the local simulcasting programming ("substantially similar") requirements set forth under 47 CFR Section 73.3801(b)(1-2).	Yes
Commencement of Operations Date	Provide the date the applicant intends/estimates it will commence ATSC 3.0 service.	01/19/2024
	Provide the date the applicant intends/estimates it will commence ATSC 1.0 simulcast service.	01/19/2024

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	7933
	State	Maryland
	City	BALTIMORE
	DTS Channel	25
	Designated Market Area	Baltimore
Designated Market Area	Baltimore	
Facility Type	Facility Type	Commercial
	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:	0000136472
	Facility ID	7933
Coordinates (NAD83)	Latitude	39° 20' 10.4" N+
	Longitude	076° 38' 57.9" W-

Site 1: Antenna
Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1044237
Coordinates (NAD83)	Latitude	39° 20' 10.4" N+
	Longitude	076° 38' 57.9" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	390.1 meters
	Support Structure Height	389.2 meters
	Ground Elevation (AMSL)	82.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	374.8 meters
	Height of Radiation Center Above Average Terrain	372.8 meters
	Height of Radiation Center Above Mean Sea Level	456.8 meters
	Effective Radiated Power	750 kW

Site 1: Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1004139
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUD-C5SP-10/36SPH-1-B
	Electrical Beam Tilt	0.9
	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	30 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	.392	90	.518	180	1.0	270	.864
10	.362	100	.588	190	.929	280	.908
20	.356	110	.585	200	.862	290	.959
30	.396	120	.669	210	.918	300	.874
40	.403	130	.842	220	.930	310	.700
50	.362	140	.955	230	.866	320	.599
60	.357	150	.924	240	.908	330	.593
70	.386	160	.862	250	.997	340	.537
80	.427	170	.929	260	.951	350	.441

Additional Azimuths

Degree	V _A
252	1.0
16	.352

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>	14.30 dBk 26.9 kW
	Transmission Line Loss (LL):	1.27 dB
	Antenna Input Power (AIP):	13.03 dBk
	Max. Antenna Power Gain (AG)	15.72 dB
	Effective Radiated Power (ERP) <i>(Average Power)</i>	28.75 dBk 750 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	1037283
Coordinates (NAD83)	Latitude	39° 24' 10.4" N+
	Longitude	076° 36' 10.9" W-
	Structure Type	BTWR-Building with TOWER /ANTENNA on top
	Overall Structure Height	85.3 meters
	Support Structure Height	57.9 meters
	Ground Elevation (AMSL)	145.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	69.6 meters
	Height of Radiation Center Above Average Terrain	110.0 meters
	Height of Radiation Center Above Mean Sea Level	215.0 meters
	Effective Radiated Power	7.0 kW

Site 2: Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010662
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-4WB-C160
	Electrical Beam Tilt	5.5
	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	240 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	0.792	90	0.898	180	0.677	270	0.898
10	0.809	100	0.851	190	0.634	280	0.937
20	0.853	110	0.780	200	0.523	290	0.972
30	0.911	120	0.672	210	0.414	300	0.996
40	0.964	130	0.533	220	0.416	310	0.995
50	0.995	140	0.413	230	0.534	320	0.966
60	0.997	150	0.411	240	0.673	330	0.913
70	0.974	160	0.521	250	0.781	340	0.854
80	0.938	170	0.632	260	0.851	350	0.809

Additional Azimuths

Degree	V _A
55	1.000
305	1.000

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>	3.37 dBk 2.173 kW
	Transmission Line Loss (LL):	1.16 dB
	Antenna Input Power (AIP):	2.21 dBk
	Max. Antenna Power Gain (AG)	6.24 dB
	Effective Radiated Power (ERP) <i>(Average Power)</i>	8.45 dBk 7.0 kW

**Parties to the
Application (0)**

Information not provided.

Attributable Interest

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).	

Next Gen
Certifications

Section	Question	Response
Commencement of Service Certification	Certify that the applicant understands that it is not permitted to commence ATSC 3.0 service or ATSC 1.0 simulcast service (if applicable) until the instant application is granted and all required consumer education/MVPD notification requirements are complete. Upon grant of the instant application, the applicant has 180 days to commence all services authorized under the applicant station's modified license.	Yes
Consumer Education and MVPD Notice	Certify that the applicant will comply with the consumer education requirements pursuant to 47 CFR Section 73.3801 (g) prior to commencing ATSC 3.0 service or ATSC 1.0 simulcast service (if applicable).	Yes
	Certify that the applicant will comply with the MVPD notice requirements pursuant to 47 CFR Section 73.3801(h) prior to commencing ATSC 3.0 service or ATSC 1.0 simulcast service (if applicable).	Yes
General Certification	Certify that the applicant will comply with all FCC technical and programming rules that apply to the applicant station's ATSC 3.0 service and its ATSC 1.0 simulcast service (if applicable).	Yes

License
Certifications

Section	Question	Response
Main Studio Location	The main studio location complies with 47 C.F.R. Section 73.1125.	Yes
	Country	US
	PO Box	
	Address Line 1	2000 West 41st St.
	Address Line 2	
	City	Baltimore
	State	MD
	Zip Code	21211
	Phone	+1 (410) 662-9688
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.	Yes
Transmitter	The transmitter complies with 47 C.F.R. Section 73.1660.	Yes
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).	No
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?	No
	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?	No
	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

Section	Question	Response
Obligations	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	Yes
	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.	Yes
Character Issues	<p>Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:</p> <p>(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</p> <p>(b) any pending broadcast application in which character issues have been raised.</p>	Yes
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?	No

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. If a "shared" facility, you certify that all "sharees" have agreed to the filing of this application and the changes that are proposed within. 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.	Lisa Asher <i>Secretary</i> 01/19/2024

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Character Exhibit (WNUV).pdf</u>	Applicant	Legal Certifications	Character Exhibit (WNUV)
<u>WNUV - ATSC 3.0 Hosting Arrangements Exhibit.pdf</u>	Applicant	All Purpose	WNUV - ATSC 3.0 Hosting Arrangements Exhibit
<u>WNUV-WMAR-WBAL ATSC 3.0 Engineering - Secondary.pdf</u>	Applicant	All Purpose	WNUV-WMAR-WBAL ATSC 3.0 Engineering - Secondary
<u>WNUV-WMPT-WMPB ATSC 3.0 Engineering - Primary.pdf</u>	Applicant	All Purpose	WNUV-WMPT-WMPB ATSC 3.0 Engineering - Primary