



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000116625** | Submit Date: **06/26/2020** | Call Sign: **WOWK-TV** | Facility ID: **23342** | FRN: **0009961889** |

State: **West Virginia** | City: **HUNTINGTON**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/02/2020** | Expiration Date: |

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?	Yes
	Indicate reason for fee exemption:	Section 1.1116(a)/Incentive Auction Filing Requirement
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
NEXSTAR BROADCASTING, INC. Applicant Doing Business As: NEXSTAR BROADCASTING, INC.	Elizabeth Ryder 545 E John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373- 8800	ERYDER@NEXSTAR. TV	Other

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
Jr William T Godfrey T Godfrey , Jr . Kessler and Gehman Associates, Inc.	William T. Godfrey, Jr. Kessler and Gehman Associates, Inc. 507-D NW 60th Street Gainesville, FL 32607-2055 United States	+1 (352) 332- 3157	bill@kesslerandgehman. com	Technical Representative
ELIZABETH RYDER RYDER NEXSTAR BROADCASTING INC.	ELIZABETH RYDER 545 E JOHN CARPENTER FREEWAY SUITE 700 IRVING, TX 75062 United States	+1 (972) 373- 8800	ERYDER@NEXSTAR. TV	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	23342
	State	West Virginia
	City	HUNTINGTON
	DTV Channel	10
	Designated Market Area	Charleston-Huntington
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	1234025
Coordinates (NAD83)	Latitude	38° 30' 21.1" N+
	Longitude	082° 12' 32.3" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	353.3 meters
	Support Structure Height	352.0 meters
	Ground Elevation (AMSL)	296.2 meters
Antenna Data	Height of Radiation Center Above Ground Level	228.6 meters
	Height of Radiation Center Above Average Terrain	299.1 meters
	Height of Radiation Center Above Mean Sea Level	524.8 meters
	Effective Radiated Power	47 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006981
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TLS-V8BB-R
	Rotation	200 degrees
	Electrical Beam Tilt	2.2
	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	1.000	90	0.654	180	0.644	270	0.654
10	0.995	100	0.612	190	0.639	280	0.706
20	0.978	110	0.584	200	0.627	290	0.762
30	0.952	120	0.572	210	0.609	300	0.818
40	0.915	130	0.576	220	0.590	310	0.870
50	0.870	140	0.590	230	0.576	320	0.915
60	0.818	150	0.609	240	0.572	330	0.952
70	0.762	160	0.627	250	0.584	340	0.978
80	0.706	170	0.639	260	0.612	350	0.995

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.	Elizabeth Ryder Ryder <i>General Counsel</i> 06/26/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Purpose of WOWK-D10 STA.pdf</u>	Applicant	General Information	Purpose of Engineering STA
<u>WOWK C-71341 Ch 10 Patterns.pdf</u>	Applicant	General Information	Dielectric Antenna Electrical & Mechanical Data
<u>WOWK-D10 Post-Auction CP (File No. 0000034807).pdf</u>	Applicant	General Information	Construction Permit