



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000116034** | Submit Date: **06/12/2020** | Call Sign: **WICZ-TV** | Facility ID: **62210** | FRN: **0004004933** | State: **New York** | City: **BINGHAMTON**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **06/25/2020** | Expiration Date: **12/30/2020**
 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:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$200.00
Total		\$200.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
STAINLESS BROADCASTING, L.P. Doing Business As: STAINLESS BROADCASTING, L.P.	Ron Sweatte 4600 South Regal Street Spokane, WA 99223 United States	+1 (509) 448-2828	ron. sweatte@northwestbroadcasting. com	Limited Partnership

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
(4)**

Contact Name	Address	Phone	Email	Contact Type
DENNIS P. CORBETT <i>Legal Counsel</i> Telecommunications Law Professionals, PLLC	1025 Connecticut Avenue NW Suite 1011 Washington, DC 20036 United States	+1 (202) 789-3115	dcorbett@telecomlawpros.com	Legal Representative
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
Catalin O Popescu , P.E. . <i>Director of Engineering</i> Northwest Broadcasting, Inc.	1000 James Street Syracuse, NY 13203 United States	+1 (315) 634-5195	cpopescu@foxsyracuse.com	Technical Representative
Ron Sweatte <i>CHIEF TECHNOLOGY OFFICER</i> Northwest Broadcasting, Inc.	P.O. BOX 11526 Palm Desert, CA 92255 United States	+1 (509) 252-8291	ron. sweatte@northwestbroadcasting. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	62210
	State	New York
	City	BINGHAMTON
	DTV Channel	7
	Designated Market Area	Binghamton
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	1065310
Coordinates (NAD83)	Latitude	42° 03' 22.0" N+
	Longitude	075° 56' 38.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	284.6 meters
	Support Structure Height	265.4 meters
	Ground Elevation (AMSL)	495.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	270 meters
	Height of Radiation Center Above Average Terrain	369.8 meters
	Height of Radiation Center Above Mean Sea Level	765.3 meters
	Effective Radiated Power	8.0 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1001783
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	K5234517 4x2
	Rotation	0 degrees
	Electrical Beam Tilt	0.5
	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	0.289	90	0.975	180	0.289	270	0.975
10	0.335	100	0.902	190	0.335	280	0.902
20	0.435	110	0.803	200	0.435	290	0.803
30	0.561	120	0.686	210	0.561	300	0.686
40	0.686	130	0.561	220	0.686	310	0.561
50	0.803	140	0.435	230	0.803	320	0.435
60	0.902	150	0.334	240	0.902	330	0.334
70	0.975	160	0.288	250	0.975	340	0.288
80	1.000	170	0.281	260	1.000	350	0.281

Additional Azimuths

Degree	V _A
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Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Ron Sweatte <i>Chief Technology Officer</i></p> <p>06/12/2020</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WICZ Ch-7 STA request for interim antenna ENG 06-10-2020.pdf</u>	Applicant	All Purpose	WICZ-TV STA engineering exhibits