



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000117682** | Submit Date: **07/13/2020** | Call Sign: **WICZ-TV** | Facility ID: **62210** | FRN: **0004004933** | State: **New York** | City: **BINGHAMTON**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/21/2020** | Expiration Date: **12/30/2020**
 Filing Status: **InActive**

General Information

Section	Question	Response
---------	----------	----------

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	273.1 meters
	Height of Radiation Center Above Average Terrain	372.9 meters
	Height of Radiation Center Above Mean Sea Level	768.4 meters
	Effective Radiated Power	28 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007071
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	THV-7A7/VP-R C140
	Rotation	0 degrees
	Electrical Beam Tilt	1.0
	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?	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	0.937	90	0.954	180	0.469	270	0.954
10	0.940	100	0.906	190	0.478	280	0.985
20	0.947	110	0.842	200	0.506	290	0.999
30	0.959	120	0.768	210	0.553	300	0.998
40	0.974	130	0.689	220	0.615	310	0.988
50	0.988	140	0.615	230	0.689	320	0.974
60	0.998	150	0.553	240	0.768	330	0.959
70	0.999	160	0.506	250	0.842	340	0.947
80	0.985	170	0.478	260	0.906	350	0.940

Additional Azimuths

Degree	V _A
65	1.000
295	1.000

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>Ronald Sweatte <i>Chief Technology Officer</i></p> <p>07/13/2020</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
WICZ STA Exhibit (00164496xC33F1).pdf	Applicant	General Information	STA Explanation