



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000028905** | Submit Date: **07/14/2017** | Call Sign: **KTVD** | Facility ID: **68581** | FRN: **0001887363** | State: **Colorado** | City: **DENVER**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **08/07/2017** | Expiration Date: **02/07/2018**
 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	\$190.00
Total		\$190.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MULTIMEDIA HOLDINGS CORPORATION	Law Department TEGNA Inc. 7950 Jones Branch Drive McLean, VA 22107 United States	+1 (703) 873-6600	lawdept@tegna.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
(1)**

Contact Name	Address	Phone	Email	Contact Type
Jennifer Johnson , Esq . <i>Legal Representative</i> Covington & Burling, LLP	Jennifer Johnson, Esq One CityCenter, 850 Tenth St., NW Washington, DC 20001 United States	+1 (202) 662- 5552	FCCParalegals@cov. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	68581	
State	Colorado	
City	DENVER	
DTV Channel	19	
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1058328
Coordinates (NAD83)	Latitude	39° 43' 50.6" N+
	Longitude	105° 13' 55.6" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	223.8 meters
	Support Structure Height	189.1 meters
	Ground Elevation (AMSL)	2168.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	215 meters
	Height of Radiation Center Above Average Terrain	374 meters
	Height of Radiation Center Above Mean Sea Level	2383.8 meters
	Effective Radiated Power	1000 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	89527
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUC-C4SP-12/48U-4-T
	Rotation	0 degrees
	Electrical Beam Tilt	1
	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	0.849	90	1	180	0.849	270	0.061
10	0.953	100	0.93	190	0.853	280	0.104
20	0.997	110	0.839	200	0.902	290	0.226
30	0.907	120	0.855	210	0.866	300	0.391
40	0.835	130	0.862	220	0.742	310	0.573
50	0.862	140	0.835	230	0.573	320	0.742
60	0.855	150	0.907	240	0.391	330	0.866
70	0.839	160	0.997	250	0.226	340	0.902
80	0.93	170	0.953	260	0.104	350	0.853

Additional Azimuths

Degree	V _A
54	0.869
18	1
162	1
126	0.869

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>Akin S Harrison , Esq . <i>Secretary</i></p> <p>07/14/2017</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
KTVD STA Request Narrative (July 13 2017).pdf	Applicant	General Information	STA Request Narrative