



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000072242 | Submit Date: 04/30/2019 | Call Sign: KTBW-TV | Facility ID: 67950 | FRN: 0005022751 |

State: Washington | City: TACOMA

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 05/08/2019 | 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?	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
TRINITY BROADCASTING OF WASHINGTON Applicant Doing Business As: TRINITY BROADCASTING OF WASHINGTON	1909 SOUTH 341ST PLACE FEDERAL WAY, WA 98003 United States	+1 (253) 927-7720	cmmay@maylawoffices.com	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
Kevin T. Fisher T. Fisher Smith & Fisher	4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 494- 2101	Kevin@smithandfisher.com	Technical Representative
Esq. Colby M. May M. May , Esq. . COLBY M. MAY, ESQ., P.C.	P. O. Box 15473 WASHINGTON, DC 20003 United States	+1 (202) 544- 5171	CMMAY@MAYLAWOFIFCES. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	67950
	State	Washington
	City	TACOMA
	DTV Channel	14
	Designated Market Area	Seattle-Tacoma
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	1032950
Coordinates (NAD83)	Latitude	47° 32' 49.0" N+
	Longitude	122° 47' 44.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	100.6 meters
	Support Structure Height	80.0 meters
	Ground Elevation (AMSL)	509.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	61 meters
	Height of Radiation Center Above Average Terrain	461.1 meters
	Height of Radiation Center Above Mean Sea Level	570.0 meters
	Effective Radiated Power	45.75 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004960
Antenna Manufacturer and Model	Manufacturer:	SWR
	Model	SWEDL12WL/14
	Rotation	90 degrees
	Electrical Beam Tilt	0.75
	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	0.725	180	0.147	270	0.725
10	1.000	100	0.624	190	0.136	280	0.815
20	1.000	110	0.529	200	0.085	290	0.886
30	1.000	120	0.428	210	0.067	300	0.946
40	1.000	130	0.293	220	0.146	310	0.988
50	0.988	140	0.146	230	0.293	320	1.000
60	0.946	150	0.067	240	0.428	330	1.000
70	0.886	160	0.085	250	0.529	340	1.000
80	0.815	170	0.136	260	0.624	350	1.000

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.	John B. Casoria Esq. B. Casoria , Esq. . <i>Assistant Secretary</i> 04/30/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
KTBW-DT Interim Operation STA Engineering.pdf	Applicant	General Information	KTBW-DT Channel 14 STA Request Engineering including rationale for request and power density calculation