



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000099473** | Submit Date: **01/23/2020** | Call Sign: **WTSP** | Facility ID: **11290** | FRN: **0030521983** | State:

**Florida** | City: **ST. PETERSBURG**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **01/28/2020** | 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 - Station is affected by FCC Repack.
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
<b>PACIFIC AND SOUTHERN, LLC</b> <b>Applicant</b> Doing Business As: PACIFIC AND SOUTHERN, LLC	Denise Branson, Sr. Paralegal TEGNA Inc. 8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873-6606	dbranson@TEGNA.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
Esq Michael Beder Beder , Esq . TEGNA Inc.	8350 Broad Street, Suite 2000 Tysons, VI 22102 United States	+1 (703) 873- 6902	mbeder@TEGNA.com	Legal Representative
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 United States	+1 (352) 332- 3157	bill@kesslerandgehman. com	Technical Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	11290
	State	Florida
	City	ST. PETERSBURG
	DTV Channel	10
	Designated Market Area	Tampa-St. Pete (Sarasota)
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1057473
Coordinates (NAD83)	Latitude	27° 49' 10.8" N+
	Longitude	082° 15' 38.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	485.5 meters
	Support Structure Height	440.1 meters
	Ground Elevation (AMSL)	22.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	183 meters
	Height of Radiation Center Above Average Terrain	185.2 meters
	Height of Radiation Center Above Mean Sea Level	205.9 meters
	Effective Radiated Power	93 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006286
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TLS-V12 BB
	Rotation	0 degrees
	Electrical Beam Tilt	1.75
	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	0.999	90	0.600	180	0.514	270	0.654
10	0.990	100	0.542	190	0.507	280	0.721
20	0.969	110	0.515	200	0.494	290	0.786
30	0.938	120	0.497	210	0.479	300	0.844
40	0.895	130	0.477	220	0.477	310	0.895
50	0.844	140	0.479	230	0.497	320	0.938
60	0.786	150	0.494	240	0.515	330	0.969
70	0.721	160	0.507	250	0.542	340	0.990
80	0.654	170	0.514	260	0.600	350	0.999

Additional Azimuths

Degree	V <sub>A</sub>
355	1.000
215	0.480
135	0.480

## Certification

Section	Question	Response
<b>General Certification Statements</b>	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.	
<b>Authorized Party to Sign</b>	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Michael Beder Beder</b> <i>Associate General Counsel</i>  01/23/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Purpose of STA.pdf</u>	Applicant	General Information	Purpose of Engineering STA
<u>WTSP C-71403-2 WTSP AUX CH10 BB EZ Prop.pdf</u>	Applicant	General Information	Dielectric Interim Antenna Electrical & Mechanical Data