



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000003749 | Submit Date: 07/08/2015 | Call Sign: WHDT | Facility ID: 83929 | FRN: 0002710192 | State: Florida | City: STUART

Service: DTV | Purpose: Engineering STA | Status: Dismissed | Status Date: 07/21/2015 | 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
Guenter Marksteiner Applicant Doing Business As: Guenter Marksteiner	Guenter Marksteiner 5244 SW ORCHID BAY DRIVE PALM CITY, FL 34990 United States	+1 (561) 983-6300	MARKSTEINER@WHDT.NET	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
John Hane, Esq. Hane, Esq. PILLSBURY WINTHROP SHAW PITTMAN LLP	1200 Seventeenth Street NW WASHINGTON, DC 20036-3006 United States	+1 (202) 663-8000	JOHN. HANE@PILLSBURYLAW. COM	Legal Representative
Michael Rhodes, P.E. Rhodes, P.E. Cavell, Mertz & Associates, Inc.	CAVELL, MERTZ & ASSOCIATES, INC. 7724 DONEGAN DRIVE MANASSAS, VA 20109 United States	+1 (703) 392-9090	Mike. Rhodes@CavellMertz. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	83929	
State	Florida	
City	STUART	
DTV Channel	42	
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	1028084
Coordinates (NAD83)	Latitude	26° 34' 38.0" N+
	Longitude	080° 14' 31.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	467.2 meters
	Support Structure Height	466.0 meters
	Ground Elevation (AMSL)	4.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	439 meters
	Height of Radiation Center Above Average Terrain	439.3 meters
	Height of Radiation Center Above Mean Sea Level	443.8 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	91102
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUA-SP4-12/48H-1-S-R
	Rotation	0 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	90	0.301	180	1	270	0.301
10	0.942	100	0.264	190	0.942	280	0.264
20	0.793	110	0.16	200	0.793	290	0.16
30	0.687	120	0.222	210	0.687	300	0.222
40	0.695	130	0.542	220	0.695	310	0.542
50	0.507	140	0.68	230	0.507	320	0.68
60	0.19	150	0.679	240	0.19	330	0.679
70	0.144	160	0.787	250	0.144	340	0.787
80	0.259	170	0.94	260	0.259	350	0.94

Additional Azimuths

Degree	V _A
66	0.109
246	0.109

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.	Guenter Marksteiner Marksteiner <i>Licensee</i> 07/08/2015

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>D:\data\prod\cdbs\letters\59\A-2001558 F-83929 L-59576-0000003749.pdf</u>	Internal	All Purpose	imported letter
<u>WHDT(TV) 1000kW STA Engineering Statement.pdf</u>	Applicant	General Information	