



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: **0000068044** | Submit Date: **02/25/2019** | Call Sign: **W17DL-D** | Facility ID: **181820** | FRN: **0019010461**
State: **Puerto Rico** | City: **TOA BAJA**
Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/05/2019** | Expiration Date: **09/04/2019**
Filing Status: **Active**

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:	REQUESTED ENGINEERING STA REQUIRED DUE TO DAMAGES CAUSED BY HURRICANE MARIA.
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
TV RED DE PUERTO RICO INC Doing Business As: TV RED DE PUERTO RICO INC	JORGE R FIGUEROA PO BOX 903 SAINT JUST, PR 00978 United States	+1 (787) 761- 2833	IBS-PR@USA. NET	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
(2)**

Contact Name	Address	Phone	Email	Contact Type
JORGE R FIGUEROA <i>PRESIDENT</i> TV RED DE PUERTO RICO INC	JORGE R FIGUEROA PO BOX 903 SAINT JUST, PR 00978 United States	+1 (787) 761-2833	IBS-PR@USA.NET	GENERAL REPRESENTATIVE
GRAFTON I OLIVERA , Vazquez . <i>TECHNICAL CONSULTANT</i> GRAFTON OLIVERA, CONSULTING ENGINEER	GRAFTON OLIVERA 5119 60TH DRIVE E BRADENTON, FL 34203 United States	+1 (941) 323-0381	GRAFTON. OLIVERA@ME.COM	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	181820	
State	Puerto Rico	
City	TOA BAJA	
LPD Channel	17	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	18° 16' 42.7" N+
	Longitude	066° 06' 36.5" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	93 meters
	Support Structure Height	1 meters
	Ground Elevation (AMSL)	507 meters
Antenna Data	Height of Radiation Center Above Ground Level	40 meters
	Height of Radiation Center Above Mean Sea Level	547 meters
	Effective Radiated Power	1.5 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004673
Antenna Manufacturer and Model	Manufacturer:	SCALA
	Model	75010012
	Rotation	9 degrees
	Electrical Beam Tilt	1.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	.01	180	.119	270	.041
10	.963	100	.051	190	.101	280	.079
20	.863	110	.078	200	.062	290	.161
30	.722	120	.083	210	.028	300	.274
40	.561	130	.067	220	.051	310	.412
50	.403	140	.035	230	.085	320	.57
60	.264	150	.032	240	.1	330	.729
70	.151	160	.074	250	.091	340	.868
80	.064	170	.109	260	.064	350	.966

Additional Azimuths

Degree	V _A
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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>JORGE R FIGUEROA <i>PRESIDENT</i></p> <p>02/25/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>FIG. 1 - CP & Eng. STA Coverage W17DL-D.pdf</u>	Applicant	All Purpose	FIGURE 1 CP & PROP. ENG. STA COVERAGE
<u>REASONS FOR REQUESTING ENGINEERING STA.pdf</u>	Applicant	General Information	REASONS FOR ENGINEERING STA REQUEST
<u>tvstudy v2 ENG STA W17DL-D.pdf</u>	Applicant	All Purpose	TVSTUDY STUDY