



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000058598** | Submit Date: **07/26/2018** | Call Sign: **WIDP** | Facility ID: **18410** | FRN: **0011244886** | State: **Puerto Rico** | City: **GUAYAMA**  
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/31/2018** | Expiration Date: **01/30/2019**  
 Filing Status: **InActive**

**General Information**

Section	Question	Response
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**Fees, Waivers, and Exemptions**

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
<b>Waivers</b>	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
<b>Total</b>		<b>\$190.00</b>

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>EBENEZER BROADCASTING GROUP, INC.</b>	WILLIAM ADORNO PO Box 13428 San Juan, Puerto Rico 00908 Puerto Rico	7879990360	ingenieriaebn@gmail. com	Not-for- Profit

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**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
<b>Jorge R Figueroa , PE .</b> <i>Consulting Engineer</i> Jorge R Figueroa, PE	Jorge R Figueroa, PE PO Box 903 Saint Just, Puerto Rico 00978- 0903 Puerto Rico	(787) 761- 2833	ibs-pr@usa.net	Technical Representative
<b>Francisco R. Montero ,</b> <b>Esq. .</b> Fletcher, Heald & Hildreth, PLC	1300 North 17th Street 11th Floor Arlington, VA 22209 United States	+1 (703) 812- 0400	montero@fhhlaw. com	Legal Representative

**Channel and Facility Information**

Section	Question	Response
Facility ID	18410	
State	Puerto Rico	
City	GUAYAMA	
DTV Channel	34	
<b>Facility Type</b>	Facility Type	Commercial
	Station Type	Main
<b>Zone</b>	Zone	2

**Primary station proposed to be rebroadcast:**

Facility Id	Call Sign	City	State
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**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1027505
<b>Coordinates (NAD83)</b>	Latitude	18° 16' 37.0" N+
	Longitude	065° 51' 08.0" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	81.0 meters
	Support Structure Height	81.0 meters
	Ground Elevation (AMSL)	769.0 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	39.6 meters
	Height of Radiation Center Above Average Terrain	598.6 meters
	Height of Radiation Center Above Mean Sea Level	808.6 meters
	Effective Radiated Power	23.4 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1003967
<b>Antenna Manufacturer and Model</b>	Manufacturer:	PSI
	Model	PSILP8AW-34
	Rotation	90 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>DTV and DTS: Elevation Pattern</b>	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	0.922	180	0.241	270	0.922
10	0.985	100	0.845	190	0.253	280	0.975
20	0.951	110	0.758	200	0.302	290	0.997
30	0.925	120	0.680	210	0.397	300	0.990
40	0.929	130	0.605	220	0.510	310	0.959
50	0.959	140	0.510	230	0.605	320	0.929
60	0.990	150	0.397	240	0.680	330	0.925
70	0.997	160	0.302	250	0.758	340	0.951
80	0.975	170	0.253	260	0.845	350	0.985

**Additional Azimuths**

Degree	V <sub>A</sub>
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**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>RICARDO MONTANEZ</b> <i>PRESIDENT</i></p> <p>07/26/2018</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">Reasons for Engineering STA Request - WIDP DT.pdf</a>	Applicant	General Information	REASONS FOR THE STA