



(REFERENCE COPY - Not for submission)

## Displacement for LPTV Station Application

File Number: **BDISDTL-20090824ABL** | Submit Date: **08/24/2009** | Call Sign: **WTMU-LP** | Facility ID: **64996** | FRN:  
**0003593860** | State: **Massachusetts** | City: **BOSTON**  
Service: **LPD** | Purpose: **Displacement BLTTL-19950414IE** | Status: **Granted** | Status Date: **01/27/2010** | Expiration Date:  
**04/01/2023** | Filing Status: **InActive**

### General Information

Section	Question	Response
<b>Attachments</b>	Are attachments (other than associated schedules) being filed with this application?	

### Fees, Waivers, and Exemptions

Section	Question	Response
<b>Waivers</b>	Does this filing request a waiver of the Commission's rule(s)?	
	Total number of rule sections involved in this waiver request:	
	Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	

**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>ZGS BOSTON, INC.</b> <b>Applicant</b> Doing Business As: ZGS BOSTON, INC.	2000 NORTH 14TH STREET SUITE 400 ARLINGTON, VA 22201 United States	+1 (703) 528-5656		Other

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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>RAJAT MATHUR, P.E.</b> <i>CONSULTING ENGINEER</i>	HAMMETT & EDISON, INC. PO BOX 280068 SAN FRANCISCO, CA 94128-0068 United States	+1 (707) 996- 5200	RMATHUR@H-E.COM	Technical Representative
<b>BRENDAN HOLLAND</b> DAVIS WRIGHT TREMAINE LLP	1919 PENNSYLVANIA AVE., NW SUITE 200 WASHINGTON, DC 20006 United States	+1 (202) 973- 4200	BRENDANHOLLAND@DWT. COM	Legal Representative

**Alien Ownership**

Question	Response
1) Is the applicant a foreign government or the representative of any foreign government as specified in Section 310(a) of the Communications Act?	
2) Is the applicant an alien or the representative of an alien? (Section 310(b)(1))	
3) Is the applicant a corporation, or non-corporate entity, that is organized under the laws of any foreign government? (Section 310(b)(2))	
4) Is the applicant an entity of which more than one-fifth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any entity organized under the laws of a foreign country? (Section 310(b)(3))	
5) Is the applicant directly or indirectly controlled by any other entity of which more than one-fourth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any entity organized under the laws of a foreign country? (Section 310(b)(4))	
6) Has the applicant received a declaratory ruling(s) under Section 310(b)(4) of the Communications Act?	
7) In connection with this application, is the applicant filing a foreign ownership Petition for Declaratory Ruling pursuant to Section 310(b)(4) of the Communications Act?	

**Basic Qualifying Questions**

Section	Question	Response
<b>Revoked Application</b>	Has the Applicant or any party to this application had any FCC station Authorization revoked or had any application for an initial, modification or renewal of FCC station Authorization denied by the Commission?	
<b>State or Federal Convictions</b>	Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	

**Channel and  
Facility  
Information**

Section	Question	Response
Facility ID	64996	
State	Massachusetts	
City	BOSTON	
LPD Channel	46	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1003433
<b>Coordinates (NAD83)</b>	Latitude	42° 18' 37.0" N+
	Longitude	071° 14' 12.0" W-
	Structure Type	
	Overall Structure Height	395.1 meters
	Support Structure Height	
	Ground Elevation (AMSL)	46.6 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	237.1 meters
	Height of Radiation Center Above Mean Sea Level	283.7 meters
	Effective Radiated Power	11.2 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	16982
<b>Antenna Manufacturer and Model</b>	Manufacturer:	AND
	Model	ALP8L1-HSMR
	Rotation	160 degrees
	Electrical Beam Tilt	0.25
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	
<b>Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Stringent

**Directional Antenna Relative Field Values (Pre-rotated Pattern)**

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.49	180	0.132	270	0.49
10	0.985	100	0.425	190	0.122	280	0.556
20	0.949	110	0.358	200	0.1	290	0.626
30	0.895	120	0.287	210	0.101	300	0.698
40	0.832	130	0.212	220	0.141	310	0.767
50	0.767	140	0.141	230	0.212	320	0.832
60	0.698	150	0.101	240	0.287	330	0.895
70	0.626	160	0.1	250	0.358	340	0.949
80	0.556	170	0.122	260	0.425	350	0.985

**Additional Azimuths**

Degree	V <sub>A</sub>
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**Parties to the  
Application (0)**

Information not provided.



**Attributable Interest**

Section	Question	Response
<b>Equity and Financial Interests</b>	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
<b>Other Authorizations</b>	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

**Construction  
Permit  
Certifications**

Section	Question	Response
<b>Environmental Effect</b>	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	Yes
<b>Broadcast Facility</b>	The proposed facility complies with all of the following applicable rule sections. 47 C.F.R. Sections 74.709, 74.793 (e), 74.793(f), 74.793(g), 74.793(h)	

**Legal  
Certifications**

Section	Question	Response
<b>Character Issues</b>	<p>Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:</p> <p>(a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or</p> <p>(b) any pending broadcast application in which character issues have been raised.</p>	
<b>Adverse Findings</b>	<p>Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?</p>	
<b>Program Service Certification</b>	<p>Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.</p>	
<b>Local Public Notice</b>	<p>Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	
<b>Equal Employment Opportunity (EEO)</b>	<p>If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report.</p>	
<b>Auction Authorization</b>	<p>If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable.</p>	
<b>Rebroadcast Certification</b>	<p>(For Applicants proposing rebroadcasts that are not the licensee of the primary station) Applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.</p>	

**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>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>EDUARDO ZAVALA</b></p> <p>08/24/2009</p>

**Attachments**

<b>File Name</b>	<b>Uploaded By</b>	<b>Attachment Type</b>	<b>Description</b>
<a href="#"><u>1328843_784178.txt</u></a>	Applicant	All Purpose	DISPLACEMENT
<a href="#"><u>1328843_784179.txt</u></a>	Applicant	All Purpose	INTERFERENCE CONSIDERATIONS
<a href="#"><u>1328843_784180.txt</u></a>	Applicant	All Purpose	ENVIRONMENTAL ASSESSMENT