



(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000060423** | Submit Date: **10/04/2018** | Call Sign: **K51EH-D** | Facility ID: **35473** | FRN: **002223820** | State: **Oregon** | City: **THE DALLES**  
 Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **11/05/2018** | Expiration Date: **05/04/2019**  
 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	MGL	\$200.00
<b>Total</b>		<b>\$200.00</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>KPTV-KPDX BROADCASTING CORPORATION Applicant</b> Doing Business As: KPTV-KPDX BROADCASTING CORPORATION	1716 LOCUST STREET DES MOINES, IA 50309 United States	+1 (515) 284-3000	RegAffairs@meredith.com	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  
(1)**

Contact Name	Address	Phone	Email	Contact Type
Louis R duTreil , Jr . <i>Technical Consultant</i> duTreil Lundin & Rackley Inc	3135 Southgate Circle Sarasota, FL 34239 United States	+1 (941) 329- 6004	bobjr@DLR. com	Technical Representative

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**Channel and Facility Information**

Section	Question	Response
Facility ID	35473	
State	Oregon	
City	THE DALLES	
LPD Channel	29	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
<b>Coordinates (NAD83)</b>	Latitude	45° 42' 42.4" N+
	Longitude	121° 07' 02.2" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	21 meters
	Support Structure Height	21 meters
	Ground Elevation (AMSL)	964 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	12 meters
	Height of Radiation Center Above Mean Sea Level	976 meters
	Effective Radiated Power	1.28 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004195
<b>Antenna Manufacturer and Model</b>	Manufacturer:	RFS
	Model	LPR4A
	Rotation	160.0 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<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	V <sub>A</sub> (Authorized Value)	Degree	V <sub>A</sub> (Authorized Value)	Degree	V <sub>A</sub> (Authorized Value)	Degree	V <sub>A</sub> (Authorized Value)
0	1	90	.95	180	.23	270	.95
10	.97	100	.875	190	.225	280	.98
20	.95	110	.775	200	.22	290	1
30	.925	120	.63	210	.23	300	.975
40	.92	130	.47	220	.35	310	.94
50	.94	140	.35	230	.47	320	.92
60	.975	150	.23	240	.63	330	.925
70	1	160	.22	250	.775	340	.95
80	.98	170	.225	260	.875	350	.97

**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>Patrick McCreery</b>  <i>President, Local Media Group</i></p> <p>10/04/2018</p>

**Attachments**

<b>File Name</b>	<b>Uploaded By</b>	<b>Attachment Type</b>	<b>Description</b>
<a href="#"><u>K51EH D 29 RF Hazard Statement.pdf</u></a>	Applicant	All Purpose	RF HAZARD STATEMENT
<a href="#"><u>K51EH D 29 STA Request.pdf</u></a>	Applicant	General Information	REQUEST FOR STA
<a href="#"><u>K51EH D 29 STA T Mobile Letter.pdf</u></a>	Applicant	All Purpose	T-MOBILE DISPLACEMENT LETTER
<a href="#"><u>K51EH D 29 TVStudy Analysis.pdf</u></a>	Applicant	All Purpose	TVSTUDY ANALYSIS