



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000105685 | Submit Date: 02/07/2020 | Call Sign: K24FH-D | Facility ID: 50585 | FRN: 0001549252 | State: Oregon | City: GLIDE, ETC.

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 03/04/2020 | Expiration Date:

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:	NCE Licensee
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
<b>OREGON PUBLIC BROADCASTING Applicant</b> Doing Business As: OREGON PUBLIC BROADCASTING	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	legal@opb.org	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
Brad Deutsch Deutsch Foster Garvey	Brad Deutsch 1000 Potomac St., NW Suite 200 Washington, DC 20007 United States	+1 (202) 298- 1793	brad.deutsch@foster. com	Legal Representative
Jonathan Newsome Newsome Oregon Public Broadcasting	7140 SW MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 293- 1960	jnewsome@opb.org	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	50585	
State	Oregon	
City	GLIDE, ETC.	
LPD Channel	24	

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	43° 22' 17.4" N+
	Longitude	123° 03' 52.2" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	6 meters
	Support Structure Height	6 meters
	Ground Elevation (AMSL)	1294 meters
Antenna Data	Height of Radiation Center Above Ground Level	5 meters
	Height of Radiation Center Above Mean Sea Level	1299 meters
	Effective Radiated Power	0.02 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006381
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	K723147 PANEL
	Rotation	235 degrees
	Electrical Beam Tilt	Not Applicable
	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:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.000	90	.030	180	.100	270	.030
10	.960	100	.040	190	.100	280	.030
20	.860	110	.050	200	.060	290	.050
30	.700	120	.050	210	.020	300	.270
40	.540	130	.040	220	.030	310	.400
50	.400	140	.030	230	.040	320	.540
60	.270	150	.020	240	.050	330	.700
70	.130	160	.060	250	.050	340	.860
80	.050	170	.100	260	.040	350	.960

Additional Azimuths

Degree	V <sub>A</sub>
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## 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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Steven M. Bass M. Bass</b> <i>President and CEO</i>  02/07/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">K24FH-D Glide RF Exposure Study Feb 2020.pdf</a>	Applicant	All Purpose	K24FH-D Glide RF Exposure Study Feb 2020
<a href="#">K24FH-D Technical STA Request.pdf</a>	Applicant	General Information	K24FH-D Technical STA Request