



(REFERENCE COPY - Not for submission)

# New Digital Replacement Translator Construction Permit Application

File Number: **BDRTEDT-20101214ABV** | Submit Date: **12/14/2010** | Call Sign: **KOAB-TV** | Facility ID: **50588** | FRN:  
**0001549252** | State: **Oregon** | City: **BEND**

Service: **DRT** | Purpose: **Construction Permit** | Status: **Granted** | Status Date: **02/07/2011** | Expiration Date: **02/01/2023** |

Filing Status: **InActive**

General Information

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

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Noncommercial Educational Licensee or Permittee
	Is the applicant exempt from FCC regulatory Fees?	
Waivers	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

Applicant	Address	Phone	Email	Applicant Type
OREGON PUBLIC BROADCASTING Applicant Doing Business As: OREGON PUBLIC BROADCASTING	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@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
ERIK C. SWANSON, P.E. <i>CONSULTING ENGINEER</i>	HATFIELD & DAWSON CONSULTING ENGINEERS 9500 GREENWOOD AVE N SEATTLE, WA 98103 United States	+1 (206) 783-9151	ESWANSON@HATDAW. COM	Technical Representative
LAWRENCE M. MILLER SCHWARTZ, WOODS & MILLER	1233 20TH STREET, NW SUITE 610 WASHINGTON, DC 20036-7322 United States	+1 (202) 833-1700	MILLER@SWMLAW. 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
Revoked Application	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?	
State or Federal Convictions	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
Proposed Community of License	Facility ID	50588
	State	Oregon
	City	BEND
	DRT Channel	30
	Designated Market Area	BEND OR

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	44° 46' 15.4" N+
	Longitude	121° 15' 46.1" W-
	Structure Type	
	Overall Structure Height	37 meters
	Support Structure Height	
	Ground Elevation (AMSL)	675 meters
Antenna Data	Height of Radiation Center Above Ground Level	21 meters
	Height of Radiation Center Above Mean Sea Level	696 meters
	Effective Radiated Power	0.3 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	103337
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	1X2 K723147 ARRAY
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	
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:	Simple

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.937	90	0.091	180	0.991	270	0.029
10	1	100	0.077	190	0.978	280	0.063
20	0.952	110	0.108	200	0.883	290	0.031
30	0.835	120	0.241	210	0.699	300	0.115
40	0.699	130	0.416	220	0.482	310	0.214
50	0.568	140	0.514	230	0.353	320	0.306
60	0.467	150	0.629	240	0.265	330	0.414
70	0.347	160	0.774	250	0.162	340	0.589
80	0.145	170	0.889	260	0.07	350	0.802

Additional Azimuths

Degree	V <sub>A</sub>
185	1

Parties to the  
Application (25)

Party Name	Address	Phone	Email	Positional Interest
TINKER HATFIELD, 1 SW BOWERMAN DRIVE, BEAVERTON, OR 97005	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB.ORG	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
SYDNEY JOYNER, 19215 SE 34TH STREET, CAMAS, WA 98607	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB.ORG	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
STEVEN M. BASS, 7140 SW MACADAM AVENUE, PORTLAND, OR 97219	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB.ORG	<b>Positional Interest:</b> EX OFFICIO MEMBER <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 0% <b>Percentage of Total Assets:</b> %
SHERYL MANNING, 864 NW ALBEMARLE TERRACE, PORTLAND, OR 97210				<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %



RON SAXTON, 200 SW MARKET STREET, PORTLAND, OR 97201	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB. ORG	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
ROMY MORTENSON, 409 NW FRANKLIN AVENUE, BEND, OR 97701	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB. ORG	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
PAMELA JONES, BOX 449, VANCOUVER, WA 98666	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB. ORG	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
MITCHELL MOORE, 18238 S. FISCHERS MILL ROAD, OREGON CITY, OR 97045				<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %

LIBBY SCHWARTZ, 6312 SW CAPITOL HWY, PORTLAND, OR 97239	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB. ORG	<b>Positional Interest:</b> VICE CHAIR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
LEDA I. GARSIDE, 13611 BLAZER TRAIL, LAKE OSWEGO, OR 97035	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB. ORG	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
KEITH MOBLEY, BOX 537, DUFUR, OR 97021	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB. ORG	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
JULIE STRASSER DIXON, 43292 JOSEPH CREEK ROAD, ASOTIN, WA 99402	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB. ORG	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %

JOHN SYGIELSKI, 26000 SE STARK STREET, GRESHAM, OR 97030	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
JODIE HUESKE, 20900 COOLEY ROAD, BEND, OR 97701	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
JIM HUSTON, 21125 SW RAMBLIN RECK ROAD, SHERWOOD, OR 97140	<b>Positional Interest:</b> SECRETARY /TREASURER <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
JENNY ULUM, 2114 UNIVERSITY STREET, EUGENE, OR 97403	<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %

JEFF IWASAKI, 620 NE 19TH AVENUE, PORTLAND, OR 97232				<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
JACK MCGOWAN, 70797 INDIAN FORD ROAD, SISTERS, OR 97759	7140 S.W. MACADAM AVENUE PORTLAND, OR 97219 United States	+1 (503) 244-9900	EHELM@OPB. ORG	<b>Positional Interest:</b> EX OFFICIO MEMBER <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 0% <b>Percentage of Total Assets:</b> %
HOWARD SHAPIRO, 224 NW 13TH STREET, PORTLAND, OR 97209				<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %
GARY MAFFEI, 1001 SE SANDY BOULEVARD, PORTLAND, OR 97214				<b>Positional Interest:</b> DIRECTOR <b>Citizenship:</b> United States <b>Percentage of Votes:</b> 4.34% <b>Percentage of Total Assets:</b> %

FRED ZIARI, 505 EAST MAIN STREET,  
HERMISTON, OR 97838

**Positional Interest:**  
DIRECTOR  
**Citizenship:**  
United States  
**Percentage of Votes:**  
4.34%  
**Percentage of Total Assets:**  
%

DIAN HILLIARD, 2315 NW ASPEN AVENUE,  
PORTLAND, OR 97210

**Positional Interest:**  
DIRECTOR  
**Citizenship:**  
United States  
**Percentage of Votes:**  
4.34%  
**Percentage of Total Assets:**  
%

AVEL GORDLY, PORTLAND STATE  
UNIVERSITY, BOX 751, PORTLAND, OR 97207

**Positional Interest:**  
DIRECTOR  
**Citizenship:**  
United States  
**Percentage of Votes:**  
4.34%  
**Percentage of Total Assets:**  
%

ANDREW FRANKLIN, 230 SW RIVERDALE  
ROAD, PORTLAND, OR 97219

**Positional Interest:**  
CHAIR  
**Citizenship:**  
United States  
**Percentage of Votes:**  
4.34%  
**Percentage of Total Assets:**  
%

AL VERMEULEN, 1849 NW ESTAVIEW DRIVE,  
CORVALLIS, OR 97330

**Positional Interest:**  
DIRECTOR  
**Citizenship:**  
United States  
**Percentage of Votes:**  
4.34%  
**Percentage of Total Assets:**  
%

**Attributable Interest**

Section	Question	Response
Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	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
Environmental Effect	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
Broadcast Facility	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
Character Issues	<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>	Yes
Adverse Findings	<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>	Yes
Program Service Certification	<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>	
Local Public Notice	<p>Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	Yes
Equal Employment Opportunity (EEO)	<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>	

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.	
	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</b>  12/14/2010

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">1411531_7484722.pdf</a>	Applicant	All Purpose	WARM SPRINGS CH30 ENGINEERING
<a href="#">1411531_7484723.pdf</a>	Applicant	All Purpose	WARM SPRINGS CH30 TRANSMITTER SITE MAP
<a href="#">1411531_7484745.pdf</a>	Applicant	All Purpose	WARM SPRINGS CH30 CONTOUR MAP
<a href="#">1411531_914594.txt</a>	Applicant	All Purpose	ASR NOT REQUIRED
<a href="#">1411531_914595.txt</a>	Applicant	All Purpose	WARM SPRINGS CH30 ENGINEERING
<a href="#">1411531_914596.txt</a>	Applicant	All Purpose	ENVIRONMENTAL