

# Educational Media Foundation

Exhibit 34

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Sweet Home, OR

## Channel Study

REFERENCE 44 28 59.0 N. 122 34 54.0 W.		CH# 296C1- 107.1 MHz, Pwr= 10 kW, HAAT= 725.0 M, COR= 1249 M Average Protected F(50-50)= 72.3 km 73.215 Omni-directional								DISPLAY DATES DATA 07-20-15 SEARCH 07-20-15	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
296C1 Sweet Home	KLUV!	LI C	NC OR	0.0 0.0	0.00 BLED20150612ABN	44 28 59.0 122 34 54.0	9.200 758	144.0 1249	61.6 Educational Media Foundati	-206.4	-207.1
295A Florence	KCST-FM«	LI C	CN OR	244.3 63.2	132.88 BLH19921026KE	43 57 19.0 124 04 26.0	2.300 155	39.2 242	25.9 Coast Broadcasting Co., In	132.5R	0.38M
294C Lake Oswego	KLTH«	LI C	C OR	354.1 174.0	115.42 BLH20100416AAO	45 30 58.0 122 43 59.0	100.000 502	12.4 594	85.4 Citicasters Licenses, Inc.	104.5R	10.9M
296C3 Castle Rock	KROT	LI C	NCX WA	349.2 168.8	210.08 BLH20081216AAF	46 20 18.0 123 05 45.0	0.800 523	96.1 809	35.6 Bi coastal Media Licenses I	44.7	20.1
297C1 North Bend	KOOS«	LI C	CN OR	224.7 43.6	198.24 BLH19901026KB	43 12 18.0 124 18 07.0	51.000 211	84.3 269	57.0 Bi coastal Media Licenses I	176.5R	21.7M
298C0 Banks	KXJM«	LI C	C OR	354.1 174.0	115.43 BLH20091013ABB	45 30 58.4 122 43 58.8	71.000 502	11.3 594	82.0 Citicasters Licenses, Inc.	93.5R	21.9M
299C2 Prineville	KWXS«	LI C	CX OR	103.4 284.5	131.76 BLH20141016ACU	44 11 53.0 120 58 40.0	2.500 570	3.3 1600	54.8 Combined Communications, I	78.5R	53.3M
293C2 Terrebonne	KCOE«	CP	CX OR	103.4 284.5	131.76 BNPH20120525AFD	44 11 53.0 120 58 40.0	2.400 582	3.2 1612	54.8 Sunriver Broadcasting Corp	78.5R	53.3M
295C2 Arlington	AU9810566«	VAC		55.2 236.8	215.20 RM11242	45 33 52.0 120 19 00.0	50.000 150	68.0 471	43.1 Two Hearts Communications,	157.5R	57.7M

Terrain database is USGS 03 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station. Reference Zone= - Zone 2, Co to 3rd adjacent.

All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
« = Station meets FCC minimum distance spacing for its class.

HAAT has been calculated for the application contemplated herein by using 8 evenly spaced radials as per FCC regulation. However, the 8 radials used to calculate HAAT begin at 29 degrees azimuth and are evenly spaced from this azimuth. A full explanation has been included at Exhibit 30.

This method for HAAT calculation is identical to the application granted to Educational Media Foundation, BPED-20121227AAJ.

Exhibit 34-A

FMCommander Single Allocation Study - 07-20-2015 - USGS 03 SEC  
KLVU.P's Overlaps (In= 44.7 km, Out= 20.11 km)

KLVU.P CH 296 C1 73.215 N  
Lat= 44 28 59.0, Lng= 122 34 54.0  
10.0 kW 725 M HAAT, 1249 M COR  
Prot.= 60 dBu, Intef.= 40 dBu

KRQT CH 296 C3 73.215 N BLH20081216AAF  
Lat= 46 20 18.0, Lng= 123 05 45.0  
0.8 kW 523 M HAAT, 809 M COR  
Prot.= 60 dBu, Intef.= 40 dBu

