

FACSIMILE
503-282-3181

TELECOMMUNICATIONS ENGINEERING
GRAY FRIERSON HAERTIG & ASSOC.
820 NORTH RIVER STREET, SUITE 100
PORTLAND, OREGON 97227
503-282-2989
503-654-1142

ELECTRONIC MAIL
gfh@haertig.com

7 October 2002

ALLOCATION CONSIDERATIONS

The applicant is proposing operation on channel 201, a channel that is in the band reserved for non-commercial, educational, FM broadcasting, therefore the proposed allocation is governed by 47 CFR § 73.509, prohibited overlap of contours criteria, as regards other domestic allocations, applications and assignments on the 4 channels between 201 and 204. For allocatory considerations to other domestic assignments which are removed from the proposed allocation by 53 or 54 channels, the spacing provisions of 47 CFR § 73.207 (b)(1) apply.

The proposed site is not within 320 kilometers of the common border between the United States and Canada and thus this application is not subject to consideration under 47 CFR § 73.207 (b)(2).

The proposed site is not within 320 kilometers of the common border between the United States Mexico, and thus this application is not subject to consideration under 47 CFR § 73.207 (b)(3).

A computerized allocation study was done using the FCC's FM Engineering database dated 13 July 2002. The software to perform this analysis was provided by V-Soft, Inc. Prohibited overlap criteria were used to study domestic allocation considerations to the 4 channels between channel 201 and channel 204, and spacing criteria were used to study the considerations to channels 254 and 255 .

This study revealed three applications, allocations or assignments which require further study. These are the co-channel Class A facilities proposed in BPED-19980729MK, the licensed co-channel Class A facilities of KWVA, Eugene, Oregon and the licensed co-channel Class A facilities of KLFO, Florence, Oregon.

The application for the facilities proposed in BPED-19980729MK is to be withdrawn as part of the settlement agreement between the applicant and Family Stations, Inc.

Attached as are map exhibits showing the relationship between the protected contours and the appropriate interfering contours of the station proposed herein and of KWVA and KLFO. These exhibits demonstrate conclusively that no prohibited overlap exists between the proposed operation and KWVA and KLFO.

Lane Community College

REFERENCE CH# 201A - 88.1 MHz, Pwr= 0.95 kW, HAAT=107.0 M, COR= 372 M DISPLAY DATES
 43 12 22 N Average Protected F(50-50)= 19.03 km DATA 07-13-02
 123 21 50 W Ave. F(50-10) 40 dBu= 60.9 54 dBu= 28.0 80 dBu= 6.0 100 dBu= 1.6 SEARCH 10-07-02

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
201A Roseburg	980205	APP CX OR	0.0 180.0	0.00 BPED19980205MA	43 12 22 123 21 50	0.950 121	386 63.2	20.2 Lane Community College	-82.27<	-81.09<
201A Roseburg	980729	APP CN OR	46.4 226.4	4.67 BPED19980729MK	43 14 06 123 19 20	1.000 183	451 73.4	24.7 Family Stations, Inc.	-87.74<	-80.89<
201A Eugene	*KWVA	LIC CN OR	13.8 193.8	95.97 BLED19931101KF	44 02 40 123 04 39	0.500 -124	171 28.5	8.5 Assoc. Students Of The Uni	44.32	17.68
> Reference HAAT at 13.8°= 161.7 M, Pwr= 0.95 kW, Pro. Dist. = 23.12 km, Int Dist. = 69.79 km										
201A Florence	*KLFO	LIC C OR	325.8 145.8	101.18 BLED19990902AAL	43 57 23 124 04 26	0.300 106	244 47.4	13.8 Lane Community College	27.22	10.08
> Reference HAAT at 325.8°= 220.5 M, Pwr= 0.95 kW, Pro. Dist. = 26.6 km, Int Dist. = 77.27 km										
201C3 Lebanon	*980826	APP DEX OR	23.6 203.6	155.19 BPED19980826MI	44 28 59 122 34 55	0.006 918	1245 55.3	13.7 Educational Media Foundati	82.12	82.89
> Reference HAAT at 23.6°= 94.8 M, Pwr= 0.95 kW, Pro. Dist. = 17.81 km, Int Dist. = 58.62 km										
202C3 Monroe	*980826	APP DVN OR	353.5 173.5	121.57 BPED19980826MF	44 17 35 123 32 15	0.100 636	1029 41.3	26.5 Family Stations, Inc.	60.35	65.68
> Reference HAAT at 353.5°= 117.4 M, Pwr= 0.95 kW, Pro. Dist. = 19.95 km, Int Dist. = 29.37 km										
203A Coos Bay	*KSBA	LIC CN OR	288.6 108.6	65.42 BLED19881205KD	43 23 26 124 07 46	2.200 81	290 1.9	20.3 Oregon St. Board Of Higher	41.96	43.42
> Reference HAAT at 288.6°= 138.7 M, Pwr= 0.95 kW, Pro. Dist. = 21.53 km, Int Dist. = 1.71 km										
202A Ashland	*KSRG	LIC CN OR	153.4 333.4	112.75 BLED19950508KB	42 17 52 122 44 58	0.230 566	1170 47.8	30.6 St. Board Of Higher Ed/so	54.92	68.20
> Reference HAAT at 153.4°= -6.1 M, Pwr= 0.95 kW, Pro. Dist. = 10.03 km, Int Dist. = 13.98 km										
201C3 Bend	*980126	APP CX OR	58.7 238.7	190.54 BPED19980126MB	44 04 40 121 19 49	2.750 -18	1297 51.5	12.9 Lane Community College	124.55	126.07
> Reference HAAT at 58.7°= 64.6 M, Pwr= 0.95 kW, Pro. Dist. = 14.45 km, Int Dist. = 51.52 km										
201C3 Bend	*980626	APP CN OR	58.7 238.7	190.56 BPED19980626MA	44 04 40 121 19 48	2.500 -4	1310 49.6	12.7 American Family Associatio	126.47	126.38
> Reference HAAT at 58.7°= 64.6 M, Pwr= 0.95 kW, Pro. Dist. = 14.45 km, Int Dist. = 51.52 km										
254C2 Coos Bay	*KYTFM	LIC HN OR	296.1 116.1	65.87 BLH19950309KD	43 27 49 124 05 44	13.000 221	449 53.0	46.9 Lighthouse Radio Group, A	19.0R	46.9M
> Reference HAAT at 296.1°= 137.4 M, Pwr= 0.95 kW, Pro. Dist. = 21.44 km, Int Dist. = 22.48 km										
204C2 Selma	*KJKL.C	CP DVN OR	193.0 13.0	108.05 BPED19980123MM	42 15 29 123 39 32	1.748 449	1241 2.7	42.7 Educational Media Foundati	82.01	63.53
> Reference HAAT at 193.0°= 165.0 M, Pwr= 0.95 kW, Pro. Dist. = 23.33 km, Int Dist. = 1.79 km										
203A Oakridge	*980903	CP CN OR	50.9 230.9	95.03 BPED19980903MD	43 44 27 122 26 50	0.400 -713	399 1.4	8.0 School District 4j, Lane C	75.97	85.48
> Reference HAAT at 50.9°= 93.4 M, Pwr= 0.95 kW, Pro. Dist. = 17.66 km, Int Dist. = 1.55 km										
203C2 Junction City	*990104	APP DVN OR	351.7 171.7	120.61 BPED19990104MG	44 16 48 123 34 57	0.466 682	1055 1.5	40.3 Csn International	98.49	78.65
> Reference HAAT at 351.7°= 126.1 M, Pwr= 0.95 kW, Pro. Dist. = 20.61 km, Int Dist. = 1.68 km										
203C2 Junction City	*990104	APP DCX OR	351.7 171.7	120.61 BPED19990104MG	44 16 48 123 34 57	0.465 682	1055 1.5	40.3 Csn International	98.49	78.66
> Reference HAAT at 351.7°= 126.1 M, Pwr= 0.95 kW, Pro. Dist. = 20.61 km, Int Dist. = 1.68 km										
201C2 Mount Shasta	*KNSQ	LIC CN CA	157.9 337.9	237.25 BLED19940505KC	41 13 22 122 17 51	5.000 410	1494 123.3	50.2 State Of Ore./state Bd. Of	103.19	149.03
> Reference HAAT at 157.9°= 34.9 M, Pwr= 0.95 kW, Pro. Dist. = 10.74 km, Int Dist. = 37.98 km										
06+2C Portland	KOIN	LI HN OR	10.8 190.8	261.56 BLCT2115	45 30 58 122 43 59	100.000 533	611 0.0	123.2 Emmis Television License C	To Grd B=	138.33

"*" = ERP and HAAT on direct line to and from reference station. "<" = Contour Overlap



