

Channel Study

REFERENCE CH# 207C3- 89.3 MHz, Pwr= 3.5 kW, HAAT= 212.2 M, COR= 481 M DISPLAY DATES
43 14 08.0 N. Average Protected F(50-50)= 35.4 km DATA 07-23-10
123 19 18.0 W. Omni-directional SEARCH 07-26-10

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*
207C3 KLOV Winchester		CP CX OR	0.0 0.0	0.0 BPED20100205ACJ	43 14 08.0 123 19 18.0	3.500 219	98.6 488	38.2 Educational Media Foundati	-136.4*< -136.2*<	
207A KLOV Winchester		LIC CN OR	216.3 36.3	0.1 BMLED19971015KK	43 14 06.0 123 19 20.0	1.600 189	73.8 457	24.5 Educational Media Foundati	-113.7*< -126.0*<	
208A NEW Coos Bay		CP CX OR	275.5 94.9	73.3 BNPED20071019AZK	43 17 41.4 124 13 17.1	0.900 31	13.8 109	9.9 Clean Air Broadcasting Cor	18.3 1.9	
208A 1202827 Coos Bay		APP CX OR	280.4 99.7	75.8 BNPED20071018APY	43 21 15.0 124 14 30.0	0.040 153	12.4 207	8.8 Ucb Usa, Inc.	22.1 5.4	
206A KLFR Reedsport		LIC CX OR	311.2 130.7	82.7 BLED20021126ABV	43 43 21.0 124 05 40.0	0.700 109	17.5 188	12.0 Lane Community College	25.6 11.8	
206C2 KSMF Ashland		LIC CN OR	155.7 336.1	114.2 BLED19920511KA	42 17 54.0 122 44 59.0	2.300 412	75.0 1172	49.7 Oregon St Board Of Higher	14.5 27.0	
209C0 KLCC Eugene		LIC EN OR	11.1 191.2	86.7 BLED19900313KB	44 00 05.0 123 06 48.0	81.000 354	8.5 546	65.0 Lane Community College	47.1 18.9	
204C0 KJKL Selma		CP VX OR	194.3 14.1	112.0 BPED20080521ACX	42 15 29.0 123 39 32.0	42.000 584	9.5 1241	75.5 Educational Media Foundati	65.4 33.3	
204C0 KJKL Selma		LIC VX OR	194.3 14.1	112.0 BLED20061017ACU	42 15 29.0 123 39 32.0	30.000 584	8.5 1241	71.7 Educational Media Foundati	66.4 37.1	
205C3 KQFE Springfield		LIC CN OR	11.0 191.2	86.9 BLED19981116KB	44 00 11.0 123 06 48.0	1.250 290	2.0 489	25.8 Family Stations, Inc.	53.7 58.3	
208A KSKX Chemult		CP CX OR	86.0 267.1	130.6 BNPED20071018DEQ	43 18 20.0 121 42 58.0	0.100 578	40.5 2161	26.1 Oregon St Board Of Higher	60.5 59.6	

Terrain database is NGDC 30 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 = 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E),Beamtilt(Y,N,X)
***affixed to 'IN' or 'OUT' values = site inside protected contour.
"<" = Contour Overlap

Exhibit 16 - A

FMCommander Single Allocation Study - 07-26-2010 - NGDC 30 SEC
KLOV.27m's Overlaps (In= 18.26 km, Out= 1.93 km)

KLOV.27m CH 207 C3
Lat= 43 14 08.0, Lng= 123 19 18.0
3.5 kW 212.2 M HAAT, 481 M COR
Prot.= 60 dBu, Intef.= 54 dBu

NEW CH 208 A BNPED20071019AZK
Lat= 43 17 41.4, Lng= 124 13 17.1
0.9 kW 30.8 M HAAT, 109 M COR
Prot.= 60 dBu, Intef.= 54 dBu

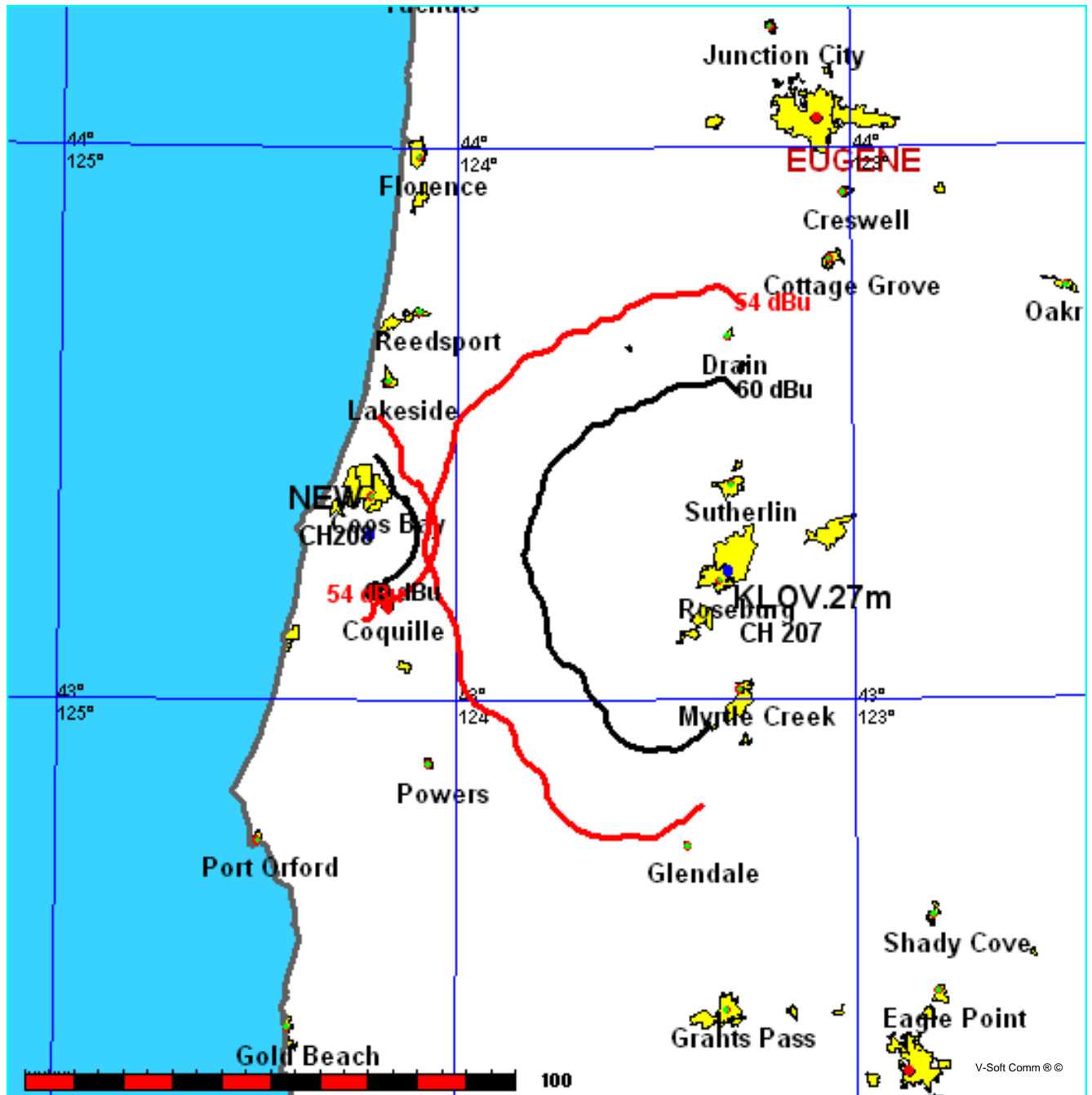


Exhibit 16 - B

FMCommander Single Allocation Study - 07-26-2010 - NGDC 30 SEC
KLOV.27m's Overlaps (In= 22.1 km, Out= 5.36 km)

KLOV.27m CH 207 C3
Lat= 43 14 08.0, Lng= 123 19 18.0
3.5 kW 212.2 M HAAT, 481 M COR
Prot.= 60 dBu, Intef.= 54 dBu

1202827 CH 208 A BNPED20071018APY
Lat= 43 21 15.0, Lng= 124 14 30.0
0.04 kW 153 M HAAT, 207 M COR
Prot.= 60 dBu, Intef.= 54 dBu

