

# Educational Media Foundation

Exhibit 13

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Crescent City, CA

## Channel Study

REFERENCE		CH# 263D - 100.5 MHz, Pwr= 0.041 kW, HAAT= 88.6 M, COR= 254 M								DISPLAY DATES	
41 50 35.4 N.		Average Protected F(50-50)= 7.7 km								DATA	03-04-24
124 07 59.2 W.		Omni-directional								SEARCH	03-07-24
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*
262D Crescent City	K262DO/K2	APP	CN CA	0.0 0.0	0.00 0000239746	41 50 35.40 124 07 59.20	0.041 254	12.1 254	8.7 Educational Media Foundati	-20.8*<	-20.8*<
262D Crescent City	K262DO/K2	CP	CN CA	0.0 0.0	0.00 0000200911	41 50 35.40 124 07 59.20	0.041 254	12.1 254	8.7 Educational Media Foundati	-20.8*<	-20.8*<
264L1 Brookings, Or	KCIW-LP	LIC	CN OR	332.1 152.0	26.09 0000177086	42 03 02.00 124 16 51.30	0.100 -55	58	Curry Coast Community Radi	3.0	0.2<
262C1 Gold Hill	KRWQ	LIC	CN OR	52.2 233.0	111.78 BLH20070614AAN	42 27 10.40 123 03 26.10	30.000 306	95.8 860	65.5 Bicoastal Media Licenses V	11.5	39.9
262C1 Fortuna	KWPT	LIC	NCN CA	179.2 359.2	157.51 BLH20110913ABL	40 25 30.00 124 06 23.00	12.000 577	113.5 935	77.8 Kwpt, Inc	36.5	69.0
265D Happy Camp	K265AF	LIC	DHN CA	88.3 268.8	64.66 BLFT19780918IM	41 51 29.40 123 21 17.10	0.060 526	0.0 1428	2.3 Slater Butte Translator Co	60.2	61.9
266C2 Talent	KLMD	LIC	NCN OR	65.6 246.5	125.16 BLED20161114ACA	42 17 56.50 122 45 00.10	5.500 430	4.6 1185	59.9 Educational Media Foundati	116.1	64.8

Terrain database is FCC 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= West Zone, 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 restricted contour.

< = Contour Overlap

**K262DO Proposed vs. KCIW-LP**

Educational Media Foundation (“EMF”) is proposing a channel change for its translator facility K262DO from channel 262 to 263. This will cause prohibited overlap between the K262DO proposed 54db interfering contour and the KCIW-LP licensed 60db protected contour.

As can be seen in Exhibit 13-A1, the prohibited contour overlap occurs entirely over water.

Therefore, EMF respectfully requests that its channel change application be granted.

Exhibit 13-A1

FMCommander Single Allocation Study - 03-08-2024 - FCC NGDC 30 Sec  
K262DO.P's Overlaps (In= 2.99 km, Out= 0.23 km)

K262DO.P CH 263 D  
Lat= 41 50 35.40, Lng= 124 07 59.20  
0.041 kW 88.6 m HAAT, 254 m COR  
Prot.= 60 dBu, Intef.= 54 dBu

KCIW-LP CH 264 L1 0000177086  
Lat= 42 03 02.00, Lng= 124 16 51.30  
0.1 kW -55 m HAAT, 58 m COR  
Prot.= 60 dBu, Intef.= 54 dBu

