

# FM Translator Input Frequency Study for LPFM

Crescent City, CA

## CH290 105.9 MHz

This study demonstrates that no interference will be caused to any existing or granted FM translator or other FM broadcast stations within a radius of 10 km of the proposed LPFM station. Seven FM stations are concerned.

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FCC FM database file, File Date: 10-31-13 Key Word Search:

10 km from center point at 41 46 20.0 N. 124 12 16.0W

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ID# 03301 K204CL Smith River , CA 204D X Lat 41 50 36.0 N Lng 124 07 56.0 W  
Pwr: .041 kW 89 HAAT(m) 254 AMSL LIC BLFT19960815TA  
Licensee: Family Stations, Inc., Fac ID= 78808, AppID 231090 Dist=9.9

Primary Station: KEAR-FM, Channel 201, SACRAMENTO, CA

ID# 03406 NEW.C Fort Dick, CA 208A M Lat 41 50 36.0 N Lng 124 07 55.0 W  
Pwr: 1 kW 68 HAAT(m) 245 AMSL CP BNPED20071022DXP  
Licensee: Ihr Educational Broadcasting, Fac ID= 123305, AppID 1215519 Dist=9.9

**No record of an input frequency could be located for this full power NCE station in either their application documents or construction permit.**

ID# 03600 **K216FE** Crescent City, CA **216D** X Lat 41 45 26.0 N Lng 124 12 02.0 W  
Pwr: .162 kW DA -37 HAAT(m) 27.7 AMSL LIC BLFT20030915AGM  
Licensee: Oregon St Board Of Higher Ed, Fac ID= 62069, AppID 686219 Dist=1.7

**KSOR, Ashland, OR, CH 211 90.1 MHz**

**Via K206AE**

<b>TECH BOX</b>			
1. Channel: 216			
2. Primary Station:			
Facility ID Number	Call Sign	City	State
50622	KSOR	ASHLAND	OR
3. Delivery Method (Select One):			
<input type="radio"/> Off-air <input type="radio"/> Microwave <input type="radio"/> Satellite <input checked="" type="radio"/> <b>Via K206AE</b> <input type="radio"/> Other			

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ID# 03714 **KHSR** Crescent City, CA **220A** M Lat 41 45 35.0 N Lng 124 11 28.0 W  
Pwr: 4.5 kW -59 HAAT(m) 73 AMSL LIC BLED20110712AAY  
Licensee: Humboldt State University Khs, Fac ID= 28112, AppID 1481231 Dist=1.8

**SIGNAL ARRIVES BY CABLE OR SATELLITE. According to their application...**

WAIVER OF 47 C.F.R. SECTION 73.1125 WAS PREVIOUSLY GRANTED TO ALLOW OPERATION OF THIS FACILITY AS A SATELLITE OPERATION OF THE FOLLOWING STATION: **KHSU(FM)**, FACILITY ID# 28111, **ARCATA, CA**, HUMBOLDT STATE UNIVERSITY.

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ID# 03862 **K228EC.A** Crescent City, CA **228D** X Lat 41 50 36.0 N Lng 124 07 55.0 W  
Pwr: .041 kW 0 HAAT(m) 260 AMSL APP BSTA20130904ABM  
Licensee: Educational Media Foundation, Fac ID= 140937, AppID 1572356 Dist=9.9

ID# 03866 **K228EC** Crescent City, CA **228D** X Lat 41 50 36.0 N Lng 124 07 55.0 W  
Pwr: .041 kW 92.2 HAAT(m) 260 AMSL LIC BLFT20060209ADI  
Licensee: Educational Media Foundation, Fac ID= 140937, AppID 1114160 Dist=9.9

ID# 03870 **K228EC.A** Crescent City, CA **228D** X Lat 41 50 36.0 N Lng 124 07 55.0 W  
Pwr: .041 kW 0 HAAT(m) 260 AMSL APP BPFT20131017CDE  
Licensee: Educational Media Foundation, Fac ID= 140937, AppID 1578849 Dist=9.9

**KLVG, Garberville, CA, CH 279, 103.7 MHz**

<b>TECHNICAL SPECIFICATIONS</b>			
Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.			
<b>TECH BOX</b>			
1. Channel: 228			
2. Primary Station:			
Facility ID Number	Call Sign	City	State
6739	KLVG	GARBERVILLE	CA
3. Delivery Method (Select One):			
<input checked="" type="radio"/> Off-air <input type="radio"/> Microwave <input type="radio"/> Satellite <input type="radio"/> Via <input type="radio"/> Other			

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ID# 03953 **KCRE-FM** Crescent City, CA **232C3** M Lat 41 45 35.0 N Lng 124 11 28.0 W  
Pwr: 25 kW -47 HAAT(m) 85 AMSL LIC BLH20050711AAY  
Licensee: Bicoastal Media Licenses Ii., Fac ID= 52106, AppID 1035048 Dist=1.8

**Local FM broadcasting station which originates most of its own programming. No record could be found of rebroadcasting from another FM channel.**

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ID# 04284 **KPOD-FM** Crescent City, CA **250A** M Lat 41 45 35.0 N Lng 124 11 28.0 W  
Pwr: 6 kW -39 HAAT(m) 93 AMSL LIC BMLH20010702AAP  
Licensee: Bicoastal Media Licenses Ii., Fac ID= 37153, AppID 574947 Dist=1.8

**Local FM broadcasting station which originates most of its own programming. No record could be found of rebroadcasting from another FM channel.**