

Exhibit 12  
Redding, CA

REFERENCE 40 39 14 N 122 31 15 W	CH# 232D - 94.3 MHz, Pwr= 0.01 kw, HAAT=830.4 M, COR= 1044 M Average Protected F(50-50)= 15.84 km Ave. F(50-10) 40 dBu= 58.4 54 dBu= 25.6 80 dBu= 2.2 100 dBu= .2	DISPLAY DATES DATA 08-16-03 SEARCH 08-26-03
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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*
232D Redding	AP232	APP C CA	0.0 180.0	0.00 BNPFT20030317BAK	40 39 14 122 31 15	0.010 633	1044 15.4	14.1 Educational Media Foundati	-56.46*	-29.45*
234C2 Anderson	KEWB	LIC CN CA	238.2 58.2	0.47 BLH19910918KA	40 39 06 122 31 32	4.200 595	1013 0.2	58.5 Results Radio Of Redding,	-10.04*	-58.22*
232D Hayfork	K232CW	LIC VN CA	252.9 72.9	60.15 BLFT19950706TA	40 29 35 123 11 57	0.010 268	1351 31.0	9.6 Research Foundation, Calif	19.05	19.58
229D Eureka	K229AF	APP V CA	66.3 246.3	47.84 BPFT20030207ABD	40 49 32 122 00 05	0.002 106	584 0.2	3.9 Calvary Chapel Of Twin Fal	32.86	43.69
231C1 Hydesville	KSLGFM	CP CN CA	259.7 79.7	136.68 BPH19960716MC	40 25 28 124 06 21	17.000 704	926 16.7	77.3 Lost Coast Communications,	11.76	42.63
232D Yreka	K232BH	LIC DVN CA	353.2 173.2	122.19 BLFT19840910MA	41 44 46 122 41 47	0.002 250	1481 16.3	5.8 Yreka Christian Radio	96.53	100.03
231L1 Mt. Shasta	KMSJ-L	LIC CA	14.2 194.2	73.24 BLL20021025ABM	41 17 34 122 18 18	0.100 -158	1103 10.2	5.6 Mountain Christian Fellows	58.07	57.40
230B1 Chico	KFMF	LIC CN CA	139.0 319.0	103.91 BLH19880811LB	39 56 46 121 43 17	2.000 389	1044 0.3	47.0 Regent Licensee Of Chico,	85.38	56.57
229C Medford	KTMTFM	LIC CN OR	354.1 174.1	159.46 BLH19890803KC	42 04 55 122 43 07	31.000 970	2310 0.2	91.3 Mapleton Communications, L	143.94	67.97
231C1 Hydesville	KSLGFM	LIC NC CA	264.1 84.1	150.31 BLH20010413AAJ	40 30 04 124 17 05	4.500 509	712 18.2	54.8 Lost Coast Communications,	56.22	77.29

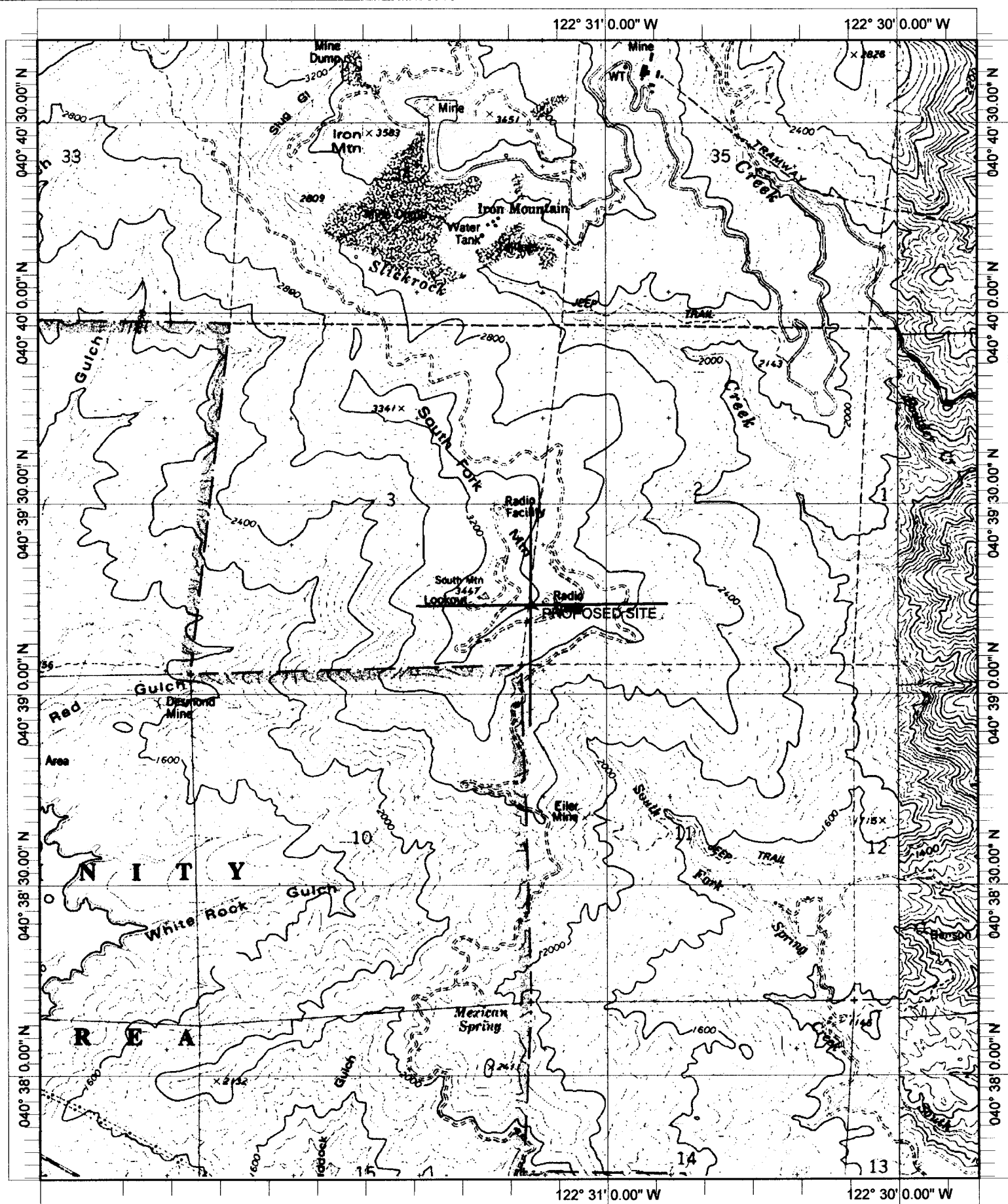
\*\*\*Affixed to 'IN' or 'Out' values = site inside protected contour.  
ERP and HAAT are on direct line to and from reference station.

## **Exhibit 12 (Compliance with CFR 74.1204)**

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The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel station KEWB, channel 234C2, Anderson, CA. The predicted F(50-50) field strength of KEWB at the proposed translator site is greater than 120 dBu. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is greater than 160 dBu. This interfering contour extends less than 1 meter from the proposed transmit antenna, and the area of overlap does not reach the ground.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



Name: WHISKEYTOWN  
 Date: 8/26/2003  
 Scale: 1 inch equals 2000 feet

Location: 040° 39' 13.4" N 122° 31' 20.2" W  
 Caption: Exhibit 12  
 Site 40-39-14 / 122-31-15