

Exhibit 12

Interference Analysis Overlap Requirements

According to CFR 47 §74.1204(a), translators are required to protect all existing FM stations from interference due to overlap of the protected contours of the existing stations with the interfering contours of the new translators.

US Stations

In the attached tabular printout, only AP254 has an outgoing contour overlap from the proposed translator, so no interference to other stations is anticipated.

AP254 is the current application, and need not be protected.

No other entries are sufficiently close to the proposed translator to require analysis.

Canadian Consideration

The proposed translator is 237 km from the nearest point in Canada, within the 320 km limit established by treaty. The 0.010 kW ERP does not exceed the maximum 250 Watts, and the maximum 32.7 km F(50,10) 34 dBu contour (see data printout) does not exceed the statutory 60 km. No Canadian stations were found in the above search. Hence there is no outgoing interference with any Canadian stations. Because the 34 dBu F(50,10) contour does not cross the common border (32.7 km maximum contour distance is not greater than the 237 km minimum distance to Canada), Canadian concurrence is not required. The relevant document for this analysis is the July 9, 1997 modification to the February 25, 1991 agreement.

Exhibit 12
CSN International

REFERENCE	CH# 254D - 98.7 MHz, Pwr= 0.01 kW, HAAT=142.1 M, COR= 389 M	DISPLAY DATES
41 11 23 N	Average Protected F(50-50)= 6.91 km	DATA 08-21-03
85 46 39 W	Ave. F(50-10) 40 dBu= 23.2 54 dBu= 9.8 80 dBu= 1.8 100 dBu= .2	SEARCH 08-26-03

CH CITY	CALL STATE	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap	*OUT* in km)
254D Warsaw	AP254 IN	APP C IN	0.0 180.0	0.00 BNPFT20030317KGX	41 11 23 85 46 39	0.010 123	389 22.0	6.5 Csn International	-28.13*	-28.49*
254D Auburn	AP254 IN	APP C IN	72.4 252.4	59.78 BNPFT20030317KHY	41 21 00 85 05 47	0.027 64	336 20.7	5.9 Csn International	33.86	33.14
255B Van Wert	WBYR<< OH	LIC CN OH	109.0 289.0	79.43 BLH19890117KH	40 57 14 84 53 07	50.000 128	375 12.1	61.9 Pathfinder Communications	-1.42	5.44
252A Culver Canadian border area	ALLO IN	VAC IN	273.5 93.5	54.19 RM9817	41 13 04 86 25 21	6.000 -247	0 0.2	15.8	45.92	38.22
255D Bremen	AP255 IN	APP C IN	312.1 132.1	43.06 BNPFT20030317KHH	41 26 55 86 09 37	0.038 68	317 9.7	6.7 Csn International	26.66	26.69

 "*"Affixed to 'IN' or 'Out' values = site inside protected contour.
 ERP and HAAT are on direct line to and from reference station.
 "<<" = Station meets FCC minimum distance spacing for its class.

Exhibit 12
 Canada Terrain and Contour Data
 AP254 Warsaw, IN

ERP 0.010 kW
 N. Lat. 41 11 23
 W. Lon. 85 46 39
 Center of Radiation 389.00 m AMSL

Azimuth Deg T.	Avg Elev 3-16 km Meters AMSL	Effective Antenna Ht Meters AAT	ERP Kilowatts	Distance to Contour (km) 34.0 dBu F(50,10)
0	260.3	128.7	0.0100	31.1
30	266.7	122.3	0.0100	30.3
60	271.1	117.9	0.0100	29.8
90	280.6	108.4	0.0100	28.6
120	272.6	116.4	0.0100	29.6
150	261.3	127.7	0.0100	31.0
180	266.0	123.0	0.0100	30.4
210	270.6	118.4	0.0100	29.9
240	261.1	127.9	0.0100	31.0
270	256.1	132.9	0.0100	31.6
-->300	246.8	142.2	0.0100	32.7<--
330	252.5	136.5	0.0100	32.0
Average	263.808	125.192	<--HAAT m	