

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 AP284 and WWLI have outgoing contour overlaps from the proposed translator, so no interference to other stations is anticipated. Incoming overlap is not prohibited.

AP284 is the current application, and need not be protected.

WWLI is second adjacent to the proposed translator, and, according to §74.1204(d),

"The provisions of this section concerning prohibited overlap will not apply where the area of such overlap lies entirely over water. In addition, an application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to ... lack of population"

The F(50,50) signal from WWLI at the proposed site is 96.7 dBu. A 40 dB ratio of undesired to desired signal strength gives an allowable interfering F(50,10) field strength of 136.7 dBu. With 55 Watts ERP, the free-space equations give the distance to this contour of 7.6 meters from the antenna. The antenna is 49 meters from the ground, so this contour does not reach the ground. There are no habitable buildings in the area which could reach up to intersect the contour. Hence §74.1204(d) applies, and the predicted area of interference is acceptable to the Commission.

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

Exhibit 12

CSN International

REFERENCE	CH# 284D - 104.7 MHz, Pwr= 0.055 kW, HAAT=64.1 M, COR= 65 M	DISPLAY DATES
41 43 55 N	Average Protected F(50-50)= 7.05 km	DATA 08-21-03
71 26 53 W	Ave. F(50-10) 40 dBu= 23.6 54 dBu= 10.1 80 dBu= 2.3 100 dBu= .5	SEARCH 08-27-03

CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	*IN*	*OUT*
CITY	STATE		<--	FILE #	LNG.	HAAT (M)	INT (km)	LICENSEE	(Overlap	in km)
284D	AP284	APP C	0.0	0.00	41 43 55	0.055	65	6.8	-28.21*	-24.48*
Warwick	RI		180.0	BNPFT20030317KKY	71 26 53	59	17.7	Csn International		
286B	WWLI	LIC CN	347.6	8.44	41 48 22	50.000	214	70.7	-3.25	-63.34*
Providence	RI		167.6	BLH4739	71 28 12	202	1.0	Citadel Broadcasting Compa		
Grandfathered with 50 kW ERP at 152 meters HAAT										
284A	WMOS«	LIC NCN	209.7	89.33	41 01 57	6.000	97	27.6	-1.33	46.21
Montauk	NY		29.7	BLH19930226KB	71 58 31	95	15.5	Citadel Broadcasting Compa		
284B	WKPEFM«	LIC E	87.0	119.72	41 46 48	50.000	146	64.5	-24.39	21.54
Orleans	MA		267.0	BMLH19991229AAA	70 00 36	146	33.7	Crb Wkpe Lic Corp.		

***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.