

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

 "*"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.