

## **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 AP222 has an outgoing contour overlap from the proposed translator, so no interference to other stations is anticipated.

AP222 is the current application, and need not be protected.

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

Exhibit 12  
CSN International

REFERENCE	CH# 223D - 92.5 MHz, Pwr= 0.01 kW, HAAT=266.3 M, COR= 483 M	DISPLAY DATES
41 36 59 N	Average Protected F(50-50)= 9.54 km	DATA 08-21-03
86 11 44 W	Ave. F(50-10) 40 dBu= 31.7 54 dBu= 13.4 80 dBu= 2.0 100 dBu= .2	SEARCH 08-25-03

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)
223D South Bend	AP223	APP C IN	0.0 180.0	0.00 BNPFT20030312AJC	41 36 59 86 11 44	0.010 230	483 30.9	8.9 Csn International	-38.79*	-39.74*
225B South Bend	WNDVFM	LIC CN IN	229.5 49.5	1.86 BLH19791015AO	41 36 20 86 12 45	12.000 277	507 0.4	63.1 Artistic Media Partners, I	-12.10*	-61.72*
225B South Bend	WNDVFM	CP CN IN	229.9 49.9	1.87 BPH19971020IB	41 36 20 86 12 46	12.000 277	507 0.4	63.1 Artistic Media Partners, I	-12.09*	-61.72*
221A Dowagiac Class B1 with respect to Canada-Accepted by Canada	WDOWFM	LIC CN MI	15.4 195.4	43.97 BMLH19911112KA	41 59 52 86 03 14	3.300 92	342 0.2	23.8 Jason Communications, Inc.	32.33	19.96
223D Bronson	AP223	APP C MI	69.8 249.8	86.73 BNPFT20030317HNF	41 52 51 85 12 52	0.038 72	338 30.9	6.8 Radio Assist Ministry Inc.	54.65	49.05

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