

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 152374

Channel 230

### **Description of Exhibit 12 Contents**

This exhibit demonstrates that the proposed facility complies with contour overlap and interference protection provisions in all of the applicable rule sections and that this application for a construction permit is in full compliance with 47 C.F.R. § 74.1204.

**Let it be noted that should any actual real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. § 74.1203.**

Page 2 of this exhibit contains the tabulated data from the interference analysis, which shows all stations whose protected contours come within 50 km of the 34 dBμ F(50,10) contour of the proposed translator. These tabulated values were calculated using data from the FCC's CDBS files and 30 arc second terrain data. The column labeled "Adj" shows the number of channels difference between the entry and the proposed translator. The column labeled "Dist" shows the distance in km. The column labeled "Overlap" shows the area of contour overlap in square kilometers.

Since the proposed translator is within 320 km of the Canadian border, 47 C.F.R. § 74.1235(d) has been taken into account and this applicant certifies that in no direction does the 34 dBμ F(50,10) extend beyond 60 km, and this application is therefore in full compliance with 47 C.F.R. § 74.1235(d)(3), which states that "the distance to the 34 dBμ interfering contour may not exceed 60 km in any direction," and hence complies with 47 C.F.R. § 74.1204(h).

# **Adjacent Channel Study** **For Station W284AY, Facility\_id: 152374**

## **Co-channel through third adjacent:**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
681029	143164	BNPFT	20030822AIW	W231AU	RADIO ASSIST MINISTRY, INC.	D	IMLAY CITY	MI	CP	0.01	375	231	1	18.4	0
564320	78673	BLH	20010510AAG	WRCL	THE FRANKENMUTH RADIO COMPANY, INC.	A	FRANKENMUTH	MI	LIC	3.5	355	229	1	34.6	0
635322	143171	BNPFT	20030317HSP	NEW	RADIO ASSIST MINISTRY, INC.	D	ROMEO	MI	APP	0.013	318.1	231	1	36.1	0
1104370	148503	BMPFT	20051213ABC	W232BH	EDUCATIONAL MEDIA FOUNDATION	D	HOLLY	MI	CP MOD	0.007	426	232	2	44.5	0
1025174	148520	BMPFT	20041103ACJ	W284BM	EDUCATIONAL MEDIA FOUNDATION	D	WHITE LAKE	MI	CP MOD	0.05	332	230	0	48.3	0
683085	143161	BNPFT	20030828AFU	W233BK	RADIO ASSIST MINISTRY, INC.	D	CARO	MI	CP	0.01	362	233	3	54.4	0
682554	143175	BNPFT	20030827ADB	W230AZ	RADIO ASSIST MINISTRY, INC.	D	SANDUSKY	MI	CP	0.027	321	230	0	55.5	0
637945	145388	BNPFT	20030317HRL	NEW	RADIO ASSIST MINISTRY, INC.	D	NEW BALTIMORE	MI	APP	0.019	278	229	1	59.6	0
273830	65917	BLH	19980911KF	WHMI-FM	THE LIVINGSTON RADIO COMPANY	A	HOWELL	MI	LIC	5.2	388	228	2	66.1	0
635316	143167	BNPFT	20030317HRY	NEW	RADIO ASSIST MINISTRY, INC.	D	PORT HURON	MI	APP	0.027	269.7	231	1	69.2	0
637932	145375	BNPFT	20030317HOI	NEW	RADIO ASSIST MINISTRY, INC.	D	DETROIT	MI	APP	0.01	340.5	229	1	72.9	0
682556	143159	BNPFT	20030827ADD	W231BE	RADIO ASSIST MINISTRY, INC.	D	BAD AXE	MI	CP	0.013	324	231	1	85.2	0
288444	124896	Null	Null	CKLW		C1	WINDSOR	ON		100	0	230	0	100.7	0
119764	72924	BLH	19881027KB	WKQZ	CITADEL LICENSE, INC.	C2	MIDLAND	MI	LIC	39	369	227	3	108.9	0
288509	-1	Null	Null	Null		B	CHATHAM	ON		0	0	232	2	117.1	0
1051916	60787	BMLH	20041124AGB	WCEN-FM	NM LICENSING LLC	C1	HEMLOCK	MI	LIC	100	519	233	3	128.7	0
58783	55658	BLH	19830711AJ	WVIC	62ND ST. B/CASTING OF LANSING LIC.	B	JACKSON	MI	LIC	40	457	231	1	131.9	0

## **Intermediate Frequencies (53 and 54 channels difference):**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Clr
176422	58578	BLH	19920825KB	WILZ	CITADEL LICENSE, INC.	A	SAGINAW	MI	LIC	2.9	309	283	53	62.6	52.6
291775	95110	Null	Null	Null		A	SARNIA	ON		0	0	284	54	75.3	65.3