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 WBLM, W272BV and WPOR all have outgoing contour overlaps from the proposed translator, so no interference to other stations is anticipated.

WBLM and WPOR are third and 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 WBLM at the proposed site is 90.0 dBu, computed from the 100 kW ERP and 442.0 meter HAAT in the direction toward the reference 21.7 km away. A 40 dB ratio of undesired to desired signal strength gives an allowable interfering F(50,10) field strength of 130.0 dBu. With 250 Watts ERP and a 4-bay half wave spaced Shively 6812-2HW antenna, the attached spreadsheet shows that the interfering contour reaches down to at most 16.47 meters (54 feet) above the ground, so **this contour does not reach the ground**.

Similar arguments apply to the other entries in the search listing, and all are summarized below:

Call	Dist km	ERP Kw	HAAT meters	F(50,50) dBu	F(50,10) dBu	dBu at ground	dBu tolerance	Dist above ground m
WBLM	21.7	100	442.0	90.0	130.0	125.57	4.43	8.00
WPOR	10.04	33	180.9	91.0	131.0	125.57	5.43	9.30

There are no habitable buildings in the area which would reach up to intersect these interfering contours. Hence §74.1204(d) applies, and the predicted area of interference is acceptable to the Commission.

W272BV is the current application, and need not be protected.

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

IF Separation

WSJBFM is 18.78 km from the proposed site and the site is required to be over 10 km distant. Similarly WRBC is 30.16 km from the proposed site and the site is required to be over 10 km distant.

Channel 6 Television Stations

Since this is an application for a commercial band translator, TV6 considerations do not apply.

MERP Evaluation

The pattern is designed to provide the maximum ERP for each radial consistent with CFR 47 73.1235(b)(1) . This is demonstrated in detail in the Terrain and Contour Data printout.

Canadian Consideration

The proposed translator is 163.72 km from the nearest point in Canada, within the 320 km limit established by treaty. The 0.250 kW ERP does not exceed the maximum 250 Watts, and the maximum 35.6 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. Because the 34 dBu F(50,10) contour does not cross the common border (35.6 km maximum contour distance is less than the 163.72 km minimum distance to Canada), no Canadian concurrence is required. The relevant document for this analysis is the July 9, 1997 modification to the February 25, 1991 agreement.

Exhibit 12
Light of Life

REFERENCE CH# 272D - 102.3 MHz, Pwr= 0.25 kW, HAAT=42.9 M, COR= 98 M DISPLAY DATES
43 50 07 N. Average Protected F(50-50)= 8.5 km DATA 06-17-06
70 15 04 W. Ave. F(50-10) 40 dBu= 28.2 54 dBu= 12.0 80 dBu= 2.7 100 dBu= 1.1 SEARCH 06-23-06

CH CALL	TYPE	AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*OUT*
CITY	STATE	<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)
275C WBLM	LIC CX	297.4	21.72	43 55 29	100.000	551	82.9	-62.24*<
Portland	ME	117.2	BLH20030224ABB	70 29 29	442	12.1	Citadel Broadcasting Compa	
272D W272BV	CP C	293.5	4.43	43 51 04	0.010	210	7.7	-27.08*<
Yarmouth	ME	113.5	BNPFT20030827ANQ	70 18 06	178	26.1	Light Of Life Ministries,	
270B WPOR	LIC CN	216.3	10.04	43 45 45	33.000	236	52.0	-44.22*<
Portland	ME	36.2	BLH19960619KB	70 19 30	181	5.8	Saga Communications Of New	
218A WSJBFM	LIC CN	266.8	18.78	43 49 32	0.360	129	7.9 10.0R	8.8M
Standish	ME	86.6	BLED19840405BX	70 29 03	31	7.9	Trustees Of Saint Joshph's	
218A WRBC	LIC CN	6.4	30.16	44 06 18	0.120	95	5.9 10.0R	20.2M
Lewiston	ME	186.4	BLED19820720AC	70 12 32	23	5.9	President & Trustees Of Ba	
273D W273AX	CP C	209.6	41.66	43 30 33	0.010	168	6.8	24.75
Biddeford	ME	29.4	BNPFT20030821AGB	70 30 22	138	9.6	Edgewater Broadcasting, In	
273B WQSS	LIC CN	64.2	97.54	44 12 40	7.900	445	53.7	34.20
Camden	ME	245.0	BMLH19910123KB	69 09 06	394	79.8	Cc Licenses, Llc	

Terrain database is NGDC 30 SEC
ERP and HAAT are on direct line to and from reference station.
Incoming contour overlap is ignored.
"*"affixed to 'IN' or 'Out' values = site inside protected contour. "<" = contour overlap

HOW TO READ THE FM COMPUTER PRINT-OUT

The computer print-out should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. The 60 dBu protected contour is predicted from the Commission's F(50-50) table, while the 40, 54, 80 and 100 dBu contours are interference contours derived from the Commission's F(50-10) table. Contour distances are in kilometers and are predicted using spline interpolation from data points identical to those published in Report No. RS 76-01 by Gary C. Kalagian. Critical contour distances are determined using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

The column listed "* IN *" is the sum of the reference station's 60 dBu protected contour and the data file station's interference contour subtracted from the distance between the stations. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, the column is a measure of incoming interference. Negative distances in this column indicate the presence of interference. Listed antenna heights are the average heights of eight standard radials as found in the Commission's records unless otherwise noted, in which case the specific antenna heights along the azimuths between the reference station and the database station are used and visa versa. The column labeled "* OUT *" shows the distance of kilometers of overlap or clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing interference.

For I.F., commercial, international and other spacing based relationships, the "IN" and "OUT" columns change their significance. The letter "R" stands for the minimum required distance in kilometers, while the letter "M" in the next column follows the available clear space separation in kilometers or "Margin". Minimum commercial separation distances were taken from Sec 73.207 of the rules as amended. This procedure is also used for all Canadian and Mexican spacing. Canadian separation distances were derived from the "Canadian/American Working Agreement".

Under the "BEARING" column, the first row of numbers indicate the bearings from true north of the data base stations in relationship with the reference station, while the numbers in the second row indicate the reverse bearings from the database station to the reference station.

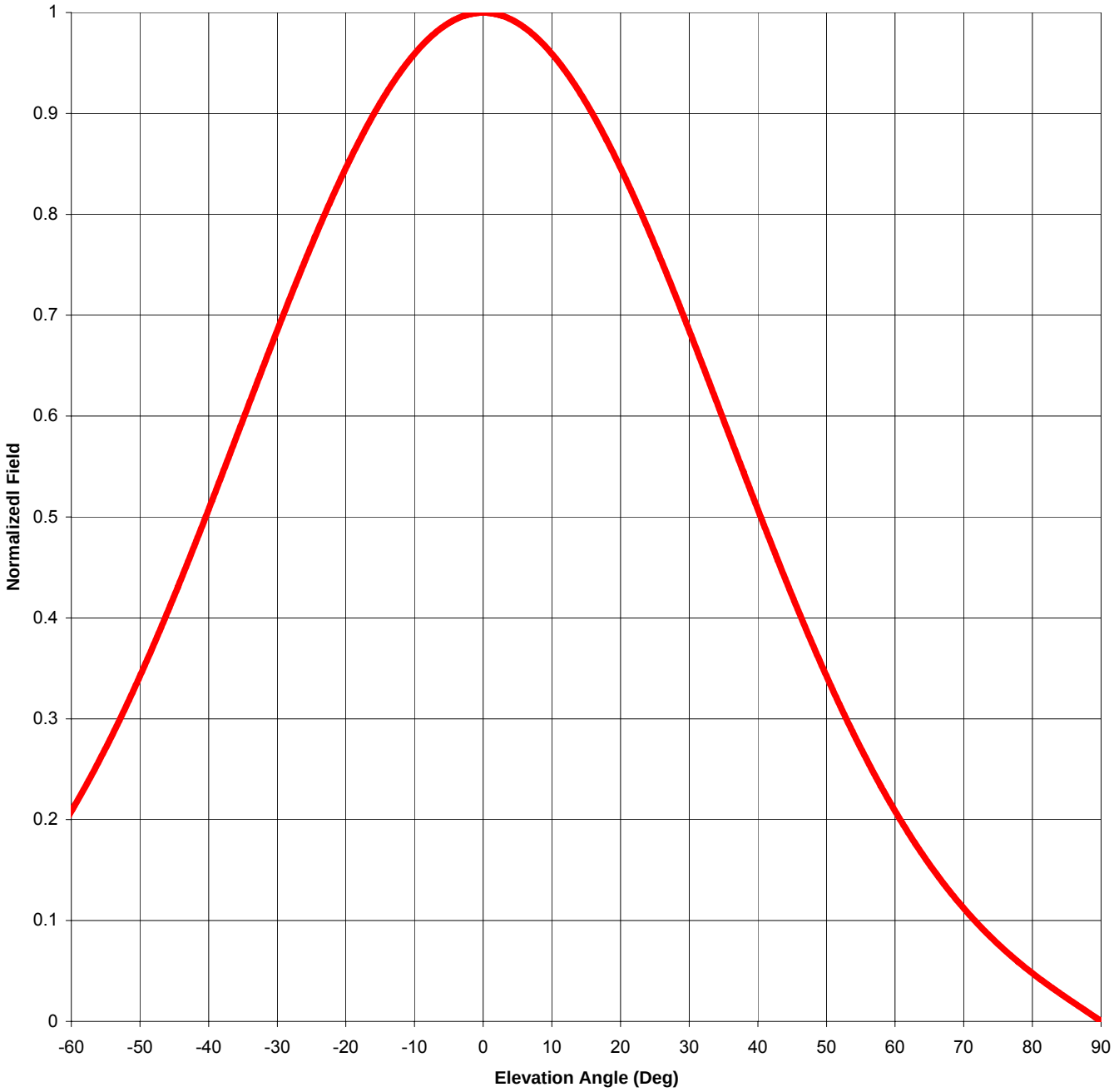
The columns labeled “INT” and “PRO” hold the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

The first three letters of the "TYPE" column identify the current F.C.C. status of the stations. The fourth letter will be a "D" or "Z" (Sec. 73.215) if the facility is directional. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a 'Y' if the antenna uses beam tilt.

Shively Labs®

Antenna Mfr.: Shively Labs **Date:** 12/30/2004
Antenna Type: 6812B or 6602B 2-Bay, 1/2-wave spaced
Frequency: 98.1

6812B Gain (Max)	0.63	-1.97 dB
6602B Gain (Max)	1.26	1.03 dB



Elevation Pattern Tabulation, 6602B and 6812B 2-Bay Half-Wave-Spaced

Relative Field at 0° Depression = 1.000

Degrees	Rel. Field	Degrees	Rel. Field	Degrees	Rel. Field	Degrees	Rel. Field	Degrees	Rel. Field
1	1.000	19	0.860	37	0.561	55	0.271	73	0.090
2	0.998	20	0.846	38	0.543	56	0.258	74	0.083
3	0.996	21	0.832	39	0.525	57	0.245	75	0.077
4	0.993	22	0.817	40	0.508	58	0.232	76	0.070
5	0.990	23	0.801	41	0.490	59	0.220	77	0.064
6	0.985	24	0.786	42	0.473	60	0.208	78	0.059
7	0.980	25	0.770	43	0.456	61	0.197	79	0.053
8	0.974	26	0.753	44	0.439	62	0.186	80	0.048
9	0.967	27	0.736	45	0.422	63	0.176	81	0.043
10	0.959	28	0.720	46	0.405	64	0.165	82	0.038
11	0.951	29	0.702	47	0.389	65	0.156	83	0.033
12	0.942	30	0.685	48	0.373	66	0.146	84	0.028
13	0.932	31	0.667	49	0.358	67	0.137	85	0.023
14	0.921	32	0.650	50	0.342	68	0.128	86	0.019
15	0.910	33	0.632	51	0.327	69	0.120	87	0.014
16	0.899	34	0.614	52	0.313	70	0.112	88	0.009
17	0.886	35	0.596	53	0.298	71	0.104	89	0.005
18	0.873	36	0.578	54	0.284	72	0.097	90	0.000

Exhibit 12

ME Yarmouth vs WBLM

Freespace Interference Study based on Vertical Radiation Pattern
SHI 6812-2H 2 Bay Half Wave Spaced Antenna

Depression Angle from Antenna	Antenna Relative Field	ERP Watts	ERP dBk	Distance to Ground from Antenna (m)	Free Space Signal (dBu)	dB Loss for Reflection	Signal Strength at Ground (dBu)	Circular Distance From Tower (m)	Distance to Contour using Free Space (m)	Height of Contour above Ground (m)
90	0.000	0.000	-86.02	20.01	54.87	0	54.87	0.00	0.00	20.01
85	0.023	0.132	-38.79	20.09	102.08	0	102.08	1.75	0.81	19.21
80	0.043	0.462	-33.35	20.32	107.41	0	107.41	3.53	1.51	18.52
75	0.077	1.482	-28.29	20.72	112.30	0	112.30	5.36	2.70	17.40
70	0.112	3.136	-25.04	21.29	115.32	0	115.32	7.28	3.93	16.32
65	0.156	6.084	-22.16	22.08	117.88	0	117.88	9.33	5.47	15.05
60	0.208	10.816	-19.66	23.11	119.99	0	119.99	11.55	7.30	13.69
55	0.271	18.360	-17.36	24.43	121.80	0	121.80	14.01	9.50	12.22
50	0.342	29.241	-15.34	26.12	123.24	0	123.24	16.79	11.99	10.82
45	0.422	44.521	-13.51	28.30	124.37	0	124.37	20.01	14.80	9.54
40	0.508	64.516	-11.90	31.13	125.15	0	125.15	23.85	17.82	8.56
35	0.596	88.804	-10.52	34.89	125.55	0	125.55	28.58	20.90	8.02
30	0.685	117.306	-9.31	40.02	125.57	0	125.57	34.66	24.02	8.00
25	0.770	148.225	-8.29	47.35	125.12	0	125.12	42.91	27.01	8.60
20	0.846	178.929	-7.47	58.51	124.10	0	124.10	54.98	29.67	9.86
15	0.910	207.025	-6.84	77.31	122.32	0	122.32	74.68	31.92	11.75
10	0.959	229.920	-6.38	115.23	119.30	0	119.30	113.48	33.63	14.17
5	0.990	245.025	-6.11	229.59	113.59	0	113.59	228.72	34.72	16.98

Distance to Ground Level assumes flat ground or a site where the site level is above average terrain in all azimuths.

Maximum ERP	250	watts	Max dBu at Ground Level	125.57	Lowest Height of Contour (m)	8.00
Radiation Center AG	20	m				
Radiation Center AG	66	ft.				
Maximum ERP	-6.02	dBk				
Protected dBu	90	dBu				
Interfering dBu	130.0	dBu				
Free Space Distance	35.07	m				

Exhibit 12

ME Yarmouth vs WPOR

Freespace Interference Study based on Vertical Radiation Pattern
SHI 6812-2H 2 Bay Half Wave Spaced Antenna

Depression Angle from Antenna	Antenna Relative Field	ERP Watts	ERP dBk	Distance to Ground from Antenna (m)	Free Space Signal (dBu)	dB Loss for Reflection	Signal Strength at Ground (dBu)	Circular Distance From Tower (m)	Distance to Contour using Free Space (m)	Height of Contour above Ground (m)
90	0.000	0.000	-86.02	20.01	54.87	0	54.87	0.00	0.00	20.01
85	0.023	0.132	-38.79	20.09	102.08	0	102.08	1.75	0.72	19.29
80	0.043	0.462	-33.35	20.32	107.41	0	107.41	3.53	1.34	18.69
75	0.077	1.482	-28.29	20.72	112.30	0	112.30	5.36	2.41	17.69
70	0.112	3.136	-25.04	21.29	115.32	0	115.32	7.28	3.50	16.72
65	0.156	6.084	-22.16	22.08	117.88	0	117.88	9.33	4.88	15.59
60	0.208	10.816	-19.66	23.11	119.99	0	119.99	11.55	6.50	14.38
55	0.271	18.360	-17.36	24.43	121.80	0	121.80	14.01	8.47	13.07
50	0.342	29.241	-15.34	26.12	123.24	0	123.24	16.79	10.69	11.82
45	0.422	44.521	-13.51	28.30	124.37	0	124.37	20.01	13.19	10.68
40	0.508	64.516	-11.90	31.13	125.15	0	125.15	23.85	15.88	9.80
35	0.596	88.804	-10.52	34.89	125.55	0	125.55	28.58	18.63	9.32
30	0.685	117.306	-9.31	40.02	125.57	0	125.57	34.66	21.41	9.30
25	0.770	148.225	-8.29	47.35	125.12	0	125.12	42.91	24.07	9.84
20	0.846	178.929	-7.47	58.51	124.10	0	124.10	54.98	26.44	10.97
15	0.910	207.025	-6.84	77.31	122.32	0	122.32	74.68	28.45	12.65
10	0.959	229.920	-6.38	115.23	119.30	0	119.30	113.48	29.98	14.80
5	0.990	245.025	-6.11	229.59	113.59	0	113.59	228.72	30.95	17.31

Distance to Ground Level assumes flat ground or a site where the site level is above average terrain in all azimuths.

Maximum ERP	250	watts	Max dBu at Ground Level	125.57	Lowest Height of Contour (m)	9.30
Radiation Center AG	20	m				
Radiation Center AG	66	ft.				
Maximum ERP	-6.02	dBk				
Protected dBu	91	dBu				
Interfering dBu	131.0	dBu				
Free Space Distance	31.26	m				

Exhibit 12
Canadian Terrain and Contour Data
W272BV Yarmouth, ME

ERP .250 kW
N. Lat. 43 50 7
W. Lon. 70 15 4
Center of Radiation 98.00 m AMSL

Az. Deg T.	Avg Elev 3-16 km M AMSL	Effective Ant Ht M AAT	ERP kWatts	Distance to Contour (km) 60.0 dBu F(50,50)	54.0 dBu F(50,10)	48.0 dBu F(50,10)	40.0 dBu F(50,10)	34.0 dBu F(50,10)
0	62.8	35.2	0.170	6.9	9.9	13.8	23.2	34.1
30	53.7	44.3	0.120	7.1	10.2	14.2	23.9	34.9
60	45.8	52.2	0.080	7.0	10.1	14.0	23.5	34.0
90	24.8	73.2	0.038	6.9	9.8	13.7	23.0	32.8
120	9.9	88.1	0.027	7.0	9.9	13.8	23.2	33.1
150	13.9	84.1	0.027	6.8	9.7	13.5	22.7	32.2
180	24.3	73.7	0.038	6.9	9.9	13.7	23.1	33.0
210	62.2	35.8	0.170	7.0	10.0	13.9	23.4	34.4
240	73.8	24.2	0.250	7.1	10.1	14.1	23.8	35.6<--
270	98.4	-0.4	0.250	7.1	10.1	14.1	23.8	35.6<--
300	101.5	-3.5	0.250	7.1	10.1	14.1	23.8	35.6<--
330	71.6	26.4	0.250	7.1	10.1	14.1	23.8	35.6<--
Average	53.558	44.442<--HAAT m						
Area (sq. km.)				153.53	314.42	610.53	1721.75	3688.42
2000 Grouped Population				15,228	24,855	52,682	188,541	360,348