

[Exhibit 12]

## **Non-Interference Compliance**

For an Open Site

Regarding FCC File Number: BNPFT-20030317CAT

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

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

Page 2 of this exhibit is an explanation of the tabulated data, which is included as evidence on page 3 of this exhibit.

Page 3 of this exhibit is the tabulated data from the interference analysis, which shows all stations that this application must consider for contour protection. These tabulated values were generated using high resolution 3 arc second terrain data for the best possible accuracy.

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

## **Explanation of Frequency Finder Results**

The interference analysis for this application was performed using the "Frequency Finder" module in RadioSoft's Comstudy, version 2.2.

Frequency Finder analyzes data taken directly from the FCC's FM database and looks for prohibited overlap with contours of adjacent stations and prohibited proximity to stations 53 or 54 channels from the proposed station (IF) using 3 arc second terrain data and the FCC's contour algorithms. The results tabulated are the stations returned from that analysis. (Note: Because Comstudy was looking at the FCC's FM database, it took into account the proposed translator when doing the analysis and returned it in the tabulated results. For the sake of simplicity, that record has been deleted from all tabulated results.)

The first several columns of the table are self-explanatory. They give various data on the stations in question. The column labeled "Clr" gives the proposed translator's "clearance" with respect to the tabulated station, either in dB or km. The values listed with no units are given in km and are for stations located on an IF to the proposed site's channel.

**A negative value in the "Clr" column does NOT necessarily represent prohibited contour overlap as explained below.**

A negative value listed in the "Clr" column would indicate either overlap of interference and protected contours or prohibited proximity to an IF station except in the following situations:

- Since the proposed station's Effective Radiated Power (ERP) is 62 watts, a negative value in km (no units listed in the table) does not represent a violation of the CFR, according to 47 CFR 1204(g), which states that "FM translator stations and booster stations operating with less than 100 watts ERP will be treated as class D stations and will not be subject to intermediate frequency separation requirements."

- A second or third adjacent LP100 station cannot represent a violation of the CFR, as 47 CFR 74.1204(a)(4) requires protection of only co-channel and first adjacent LP100 stations.

- 47 CFR 74.1204(a) requires only the protection of "AUTHORIZED commercial or noncommercial educational FM broadcast stations, FM translators, ..." Any entry with a status listed as "RSV," "USE" or "APP" does not represent an authorized station and therefore is not protected under 47 CFR 74.1204. The one exception is the case of LP100 applications. The note to 47 CFR 74.1204(a)(4) states that "LPFM applications and permits that have not yet been licensed must be considered as operating with the maximum permitted facilities." Therefore, any first adjacent or co-channel LP100 station, no matter the status, is protected.

Frequency Finder

Callsign	State	City	Channel	ERP_w	Licensee	ARN	Class	Status	Distance km	Clr	Facility_id
	AR	JUDSONIA	237	0		RM9483	A	APP	4.34	-37.53 dB	0
KSSN	AR	LITTLE ROCK	239	92000	CLEAR CHANNEL BROADCASTING LIC	BLH19831117BH	C	LIC	92.26	1.15 dB	61363
NEW	AR	GREENBRIER	237	75	EDGEWATER BROADCASTING INC.	BNPFT20030317CAB	D	APP	59.39	4.70 dB	147401
KMSX	AR	MAUMELLE	235	96000	CLEAR CHANNEL BROADCASTING LIC	BLH19920326KC	C	LIC	106.43	5.99 dB	61366
NEW	AR	LITTLE ROCK	237	250	EDGEWATER BROADCASTING INC.	BNPFT20030317CAL	D	APP	70.7	6.34 dB	147404
NEW	AR	WYNNE	237	170	EDGEWATER BROADCASTING INC.	BNPFT20030317CBB	D	APP	78.84	8.05 dB	147417
NEW	AR	WYNNE	237	250	EAST ARKANSAS BROADCASTERS, INC	BNPFT20030313BBT	D	APP	80.18	8.69 dB	138337
NEW	AR	STUTT GART	237	92	EDGEWATER BROADCASTING INC.	BNPFT20030317CAV	D	APP	89.2	12.89 dB	147413
KBZR	AR	HARRISBURG	240	50000	CLEAR CHANNEL BROADCASTING LIC	BPH20000719ABQ	C2	CP	97.72	18.90 dB	51923
KBZR	AR	HARRISBURG	240	50000	CLEAR CHANNEL BROADCASTING LIC	BMPH20020313ABB	C2	APP	97.66	19.25 dB	51923
KBZR	AR	HARRISBURG	240	34000	CLEAR CHANNEL BROADCASTING LIC	BMPH20020313ABB	C2	APP	97.66	20.92 dB	51923
KBZR	AR	HARRISBURG	240	34000	CLEAR CHANNEL BROADCASTING LIC	BPH20030130ADR	C2	APP	97.72	20.68 dB	51923
KAMS	AR	MAMMOTH SPRIN	236	100000	OZARK RADIO NETWORK, INC.	BLH19881108KC	C1	LIC	141.08	22.30 dB	51107
NEW	AR	OSCEOLA	237	250	EDGEWATER BROADCASTING INC.	BNPFT20030317CAP	D	APP	149.34	25.24 dB	147407
WVIM-FM	MS	COLDWATER	237	3600	DESOTO COUNTY B/CING. CO.	BPH19950109IC	A	CP	166	27.79 dB	16790
WVIM-FM	MS	COLDWATER	237	3000	DESOTO COUNTY B/CING. CO.	BLH7833	A	LIC	165.51	28.53 dB	16790
KBZR	AR	HARRISBURG	240	6000	CLEAR CHANNEL BROADCASTING LIC	BLH19990608KD	A	LIC	96.07	30.75 dB	51923
NEW	AR	EARLE	236	250	RADIO ASSIST MINISTRY, INC	BNPFT20030317CXD	D	APP	111.56	31.29 dB	146186
K234AC	AR	BATESVILLE	234	250	LITTLE ROCK SCHOOL DIST., UNV OF A	BLFT19930121TC	D	LIC	56.48	32.49 dB	37792
WRKG	MS	DREW	237	2650	DELTA RADIO, INC.	BLH19961015KE	A	LIC	196.03	32.02 dB	16552
WVIM-FM	MS	COLDWATER	237	0	DESOTO COUNTY B/CING. CO.		A	USE	165.51	32.84 dB	16790
KERX	AR	PARIS	237	50000	PEARSON BROADCASTING OF PARIS, INC	BLH20020418AAQ	C2	LIC	215.71	33.28 dB	40744
KCXY	AR	EAST CAMDEN	237	100000	GARY D. TERRELL D/B/A Y95 RADIO	BLH20020806AAE	C1	LIC	224.03	33.05 dB	23279
NEW	AR	BERRYVILLE	237	50	RADIO TRAINING NETWORK, INC.	BNPFT20030317BKZ	D	APP	198.4	37.34 dB	149730
WRKG	MS	DREW	237	0	DELTA RADIO, INC.		A	USE	194.85	37.52 dB	16552
KERX	AR	PARIS	237	0	PEARSON BROADCASTING OF PARIS, INC.		C2	USE	187.87	37.81 dB	40744
KJEZ	MO	POPLAR BLUFF	238	100000	ZIMMER RADIO OF MID-MISSOURI, INC	BLH7528	C1	LIC	210.92	37.88 dB	365
KKLV	AR	TURRELL	234	6000	EDUCATIONAL MEDIA FOUNDATION	BMLED20001128ABC	A	LIC	122.81	37.93 dB	52903