

[Exhibit 12]

Non-Interference Compliance

For an Open Site

Regarding FCC File Number: BNPFT-20030317EZT

Channel: 288

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.

At the end of this exhibit are plots of the protected and interference contours of the proposed translator and any other stations from which the applicant is willing to accept interference. These contours were plotted using 3 arc second terrain data for the highest degree of accuracy possible.

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 25 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.

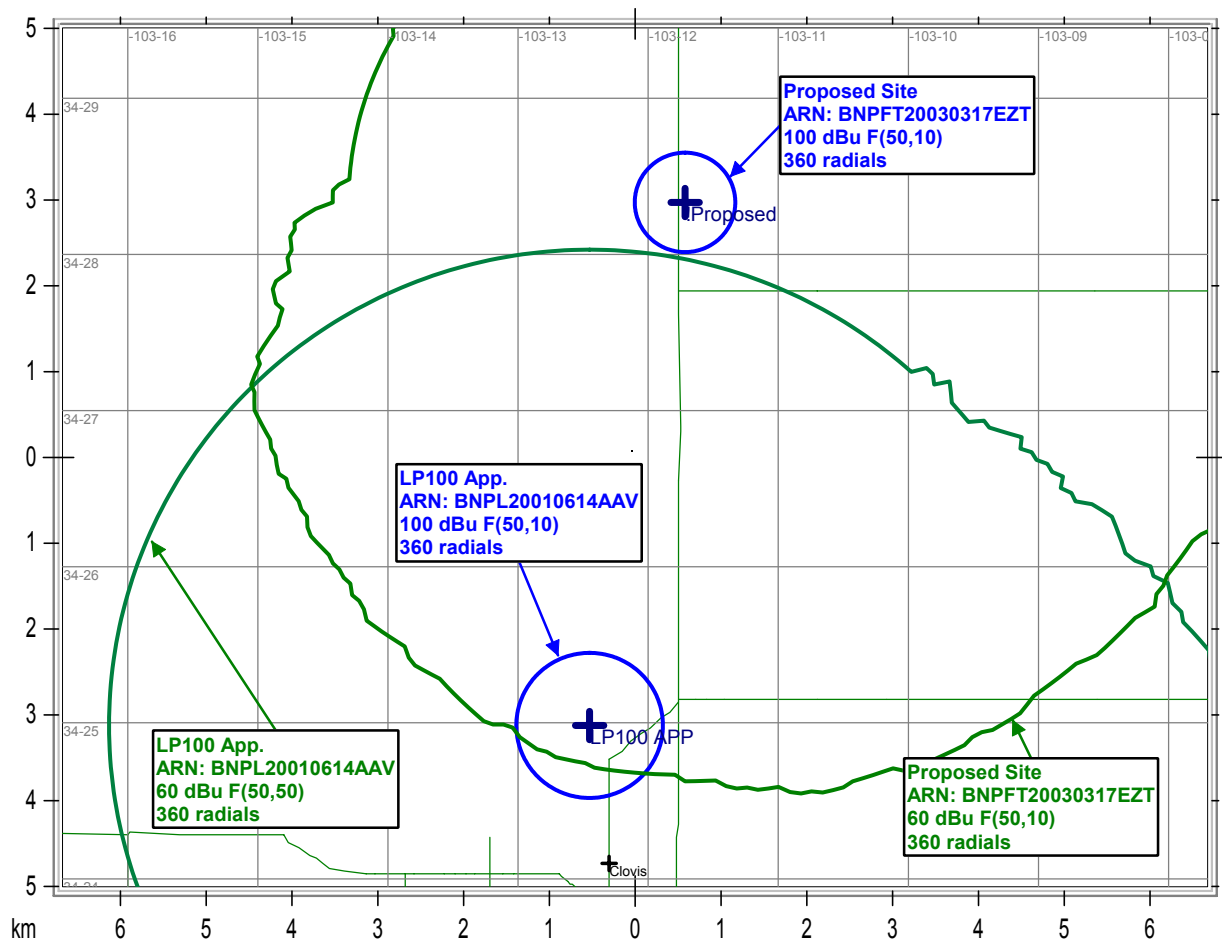
- 47 CFR 74.1204(a) requires only the protection of "AUTHORIZED commercial or noncommercial educational FM broadcast stations, FM translators, ..." Any entry with a status listed as "RSV," "USE" or "APP" does not represent an authorized station and therefore is not protected under 47 CFR 74.1204. The 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.

- Entries highlighted in blue are those that were returned in the results because of interference caused to this proposed translator. Contours were plotted by RadioSoft's Comstudy, version 2.2, using the FCC's contour algorithms, and these are included at the end of this exhibit showing that interference is caused only to the proposed translator and not by it.

Frequency Finder

Callsign	State	City	Channel	ERP_w	Licensee	ARN	Class	Status	Distance_km	Clr	Facility_id
NEW	NM	CLOVIS	290	100	CLOVIS EDUCATIONAL ASSOCIATION	BNPL20010614AAV	LP100	APP	6.29	-2.01 dB	134758
NEW	NM	CANNON AFB	290	75	RADIO ASSIST MINISTRY INC.	BNPFT20030317IXY	D	APP	18.6	6.31 dB	155286
NEW	NM	CANNON AFB	291	75	RADIO ASSIST MINISTRY INC.	BNPFT20030317IYA	D	APP	18.6	6.31 dB	155289
NEW	NM	CLOVIS	286	250	EDGEWATER BROADCASTING INC.	BNPFT20030317HWK	D	APP	14.92	11.82 dB	150388
NEW	NM	PORTALES	289	170	EDGEWATER BROADCASTING INC.	BNPFT20030317FCQ	D	APP	45.87	14.22 dB	152941
KGRW	TX	FRIONA	234	0	AMIGO RADIO, LTD.		C2	USE	32.98	18	858
KGRW	TX	FRIONA	234	50000	AMIGO RADIO, LTD.	BPH20020301ACE	C2	CP	32.98	18	858
KGRW	TX	FRIONA	234	50000	AMIGO RADIO, LTD.	BLH19941109KF	C2	LIC	32.98	18	858
NEW	NM	PORTALES	290	170	RADIO ASSIST MINISTRY INC.	BNPFT20030317IZW	D	APP	45.87	25.74 dB	155370
NEW	NM	PORTALES	291	170	RADIO ASSIST MINISTRY INC.	BNPFT20030317IZY	D	APP	45.87	25.74 dB	155371
KLVT-FM	TX	LEVELLAND	288	6000	PAUL R. BEANE	BMLH19960722KC	A	LIC	123.28	27.09 dB	30027
KLVT-FM	TX	LEVELLAND	287	50000	PAUL R. BEANE	BPH20020709AAB	C2	APP	137.32	28.96 dB	30027
KBTE	TX	TULIA	285	100000	DOVE MEDIA, INC.	BPH20000821ABW	C1	CP	158.57	28.45 dB	1302
KBTE	TX	TULIA	285	100000	DOVE MEDIA, INC.	BLH20000428ABT	C1	LIC	139.08	29.85 dB	1302
KLVT-FM	TX	LEVELLAND	287	50000	PAUL R. BEANE	BPH20020709AAB	C2	APP	131.95	29.47 dB	30027
KLVT-FM	TX	LEVELLAND	287	25000	PAUL R. BEANE	BPH20010301ABI	C3	CP	123.28	31.26 dB	30027
KAEZ	TX	AMARILLO	289	43000	KXOJ, INC.	BLH20000925AAV	C2	LIC	153.24	32.71 dB	33273
KWMW	NM	MALJAMAR	286	100000	M.T.D. INC	BMLH20021031ABD	C1	LIC	182.25	33.30 dB	39522
K288EQ	NM	CONCHAS DAM	288	19	CONCHAS TELEVISION ASSOCIATION	BLFT19940623TG	D	LIC	128.99	34.48 dB	13545
NEW	TX	HEREFORD	287	100	ST ANTHONY'S PARISH EDUCATIONAL	BNPL20010614AIX	LP100	APP	81.19	35.42 dB	133543
NEW	NM	MONTOYA	286	250	FAMILY LIFE BROADCASTING SYSTEM	BNPFT20030317LNO	D	APP	101.17	37.44 dB	157651

World Radio Link



Contour Analysis

Highways Lat/Lon Grid