

Non-Interference Compliance

Regarding Facility id 145166

Channel 280

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 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 by Mapinfo, ver. 7.0 using data from the FCC's CDBS files and 30 arc second terrain data. Most of the columns in this tabulation are self-explanatory. 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.

The second tabulation on page 3 shows all stations in the vicinity of the proposed translator operating on intermediate frequencies to the proposed translator. The column labeled "Clr" shows the distance in km by which the proposal exceeds the minimum separation distance required by 47 C.F.R. § 74.1204(g) and § 73.207.

Page 4 of this exhibit is a portion of a USGS 1:24,000 scale 7.5 minute quadrangle at full scale with the calculated area of interference overlaid. The sheet includes the quadrangle name and measurement scale at the bottom-left corner (note: "Mt" refers to meters). The area of interference was calculated using the free space equation and 120 radials.

The contour strength for the calculated area of interference was figured based on the signal strength of 3rd adjacent station KDAT in the vicinity of the proposed translator (71.4 dBμ). By applying the undesired-to-desired protection ratio of 40 dB, the proposed translator's area of interference is determined to extend to the 111.4 dBμ contour, which is plotted on the attached quadrangle. It can be seen on the quadrangle that there are no structures or major roads within this area of interference. Therefore, in accordance with 47 C.F.R. § 74.1204(d) and the clarification provided by the FCC in the decision *Re: Living Way Ministries* (FCC 02-244), there is a lack of population within the proposed area of interference and therefore this application is in full compliance with 47 C.F.R. § 74.1204.

Adjacent Channel Study

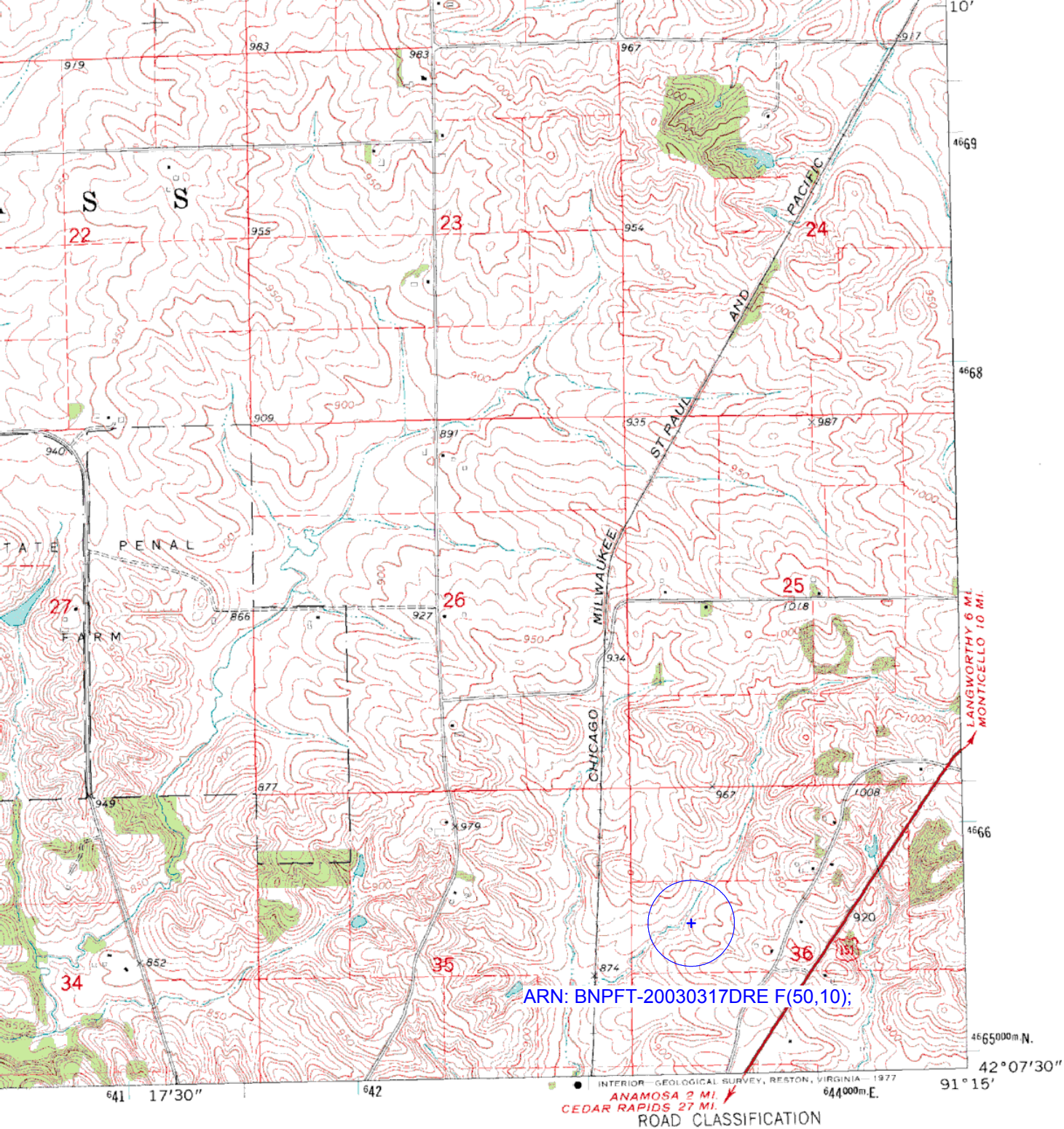
For Station NEW, Facility_id: 145166

Co-channel through third adjacent:

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
291710	54165	BLH	5113	KDAT		C1	CEDAR RAPIDS	IA	LIC	100	422	283	3	36	0.5967
631900	140542	BNPFT	20030313BLD	NEW	EDUCATIONAL MEDIA FOUNDATION	D	HIAWATHA	IA	APP	0.14	359	281	1	39.9	0
644648	151566	BNPFT	20030317DFJ	NEW	EDGEWATER BROADCASTING INC.	D	IOWA CITY	IA	APP	0.115	369.3	281	1	46.8	0
644655	151573	BNPFT	20030317DFS	NEW	EDGEWATER BROADCASTING INC.	D	MAQUOKETA	IA	APP	0.075	385.6	281	1	50.1	0
644632	151550	BNPFT	20030317DEZ	NEW	EDGEWATER BROADCASTING INC.	D	DUBUQUE	IA	APP	0.062	417.5	281	1	53	0
636332	144087	BNPFT	20030313AJM	NEW	FRIENDSHIP COMMUNICATIONS, INC.	D	DUBUQUE	IA	APP	0.25	324	282	2	59.6	0
634353	142465	BNPFT	20030311ALR	NEW	STARBOARD MEDIA FOUNDATION, INC.	D	DUBUQUE	IA	APP	0.25	284	282	2	63.3	0
196483	34596	BLH	19940401KC	WJOD	CUMULUS LICENSING CORP.	C3	ASBURY	IA	LIC	6.6	450	277	3	64.7	0
649765	156474	BNPFT	20030317HNQ	NEW	E-STRING WIRELESS, LTD	D	DUBUQUE	IA	APP	0.2	312	282	2	67.2	0
629953	139153	BNPFT	20030314CHD	NEW	NORTHWESTERN COLLEGE	D	DUBUQUE	IA	APP	0.013	305	282	2	68.6	0
679253	149352	BNPFT	20030822ACQ	NEW	RADIO ASSIST MINISTRY, INC.	D	MUSCATINE	IA	APP	0.042	287	277	3	74.3	0
642194	149352	BNPFT	20030317HFL	NEW	RADIO ASSIST MINISTRY, INC.	D	MUSCATINE	IA	APP	0.205	286.7	277	3	74.3	0
644772	151686	BNPFT	20030317DFY	NEW	EDGEWATER BROADCASTING INC.	D	MUSCATINE	IA	APP	0.092	330.5	281	1	77.6	0
637453	144980	BNPFT	20030313BEE	NEW	EDUCATIONAL MEDIA FOUNDATION	D	DAVENPORT	IA	APP	0.25	241	281	1	83.7	0
644614	151532	BNPFT	20030317DEN	NEW	EDGEWATER BROADCASTING INC.	D	DAVENPORT	IA	APP	0.015	591	281	1	92.1	0
631362	140115	BNPFT	20030317ASB	NEW	CITICASTERS LICENSES, L.P.	D	BETTENDORF	IA	APP	0.25	233	283	3	92.1	0
48992	60361	BLH	19821112AR	WLLR-FM	QUAD CITIES BROADCASTING, INC.	C	DAVENPORT	IA	LIC	91	564	279	1	92.1	0
637596	145082	BNPFT	20030317FZK	NEW	EDUCATIONAL MEDIA FOUNDATION	D	SOUTH CLINTON	IA	APP	0.25	250	281	1	92.2	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
683401	145228	BNPFT	20030828AYH	NEW	RADIO ASSIST MINISTRY INC.	D	GALENA	IL	APP	0.005	345	227	53	77.3	67.3
637776	145228	BNPFT	20030317FGN	NEW	RADIO ASSIST MINISTRY INC.	D	GALENA	IL	APP	0.01	343	227	53	77.3	67.3
227671	47086	BLH	19960606KB	KWCC	MUSCATINE COMMUNICATIONS, INC.	A	MUSCATINE	IA	LIC	4.4	310	226	54	78.1	68.1



STANDARDS
R RESTON, VIRGINIA 22092
OWA 52240
ABLE ON REQUEST