

The Refuge

Positive Hit Music

Refuge Media Group
Exhibit 12-1 Allocation Study for channel 214FX
(Fairmont, MN Proposal 11/3/2008)

Channel: 214 (90.7 MHz)
Antenna: Non-directional Circularly Polarized
ERP: 0.160 kW

North Lat: 43° 36' 53"
West Long: 94° 31' 4"
HAAT (Max of 12 evenly spaced radials:) 56.3 (60°)

Dist to: 60 dBu F(50,50) 8.8 km 40 dBu F(50,10) 29.0 km 54 dBu F(50,10) 12.4 km 100 dBu F(50,10) 0.9 km

Call Docket	Class	Channel	Service	Frequency	Status	City	State	Country	File Number
ASRN	FacilityID	ERP	DA?	HAAT	RCAMSL	RCAGL	Latitude	Longitude	
NEW	Dist(km)	Dist(mi)	Azimuth	Licensee/Permittee	Req Dist				Clear by
<u>1037050</u>	211 C3 FM	90.1 MHz	APP	FAIRMONT	MN	US	BNPED-20071022BRF		
	<u>171277</u>	22. kW	DA	69. m	445. m	65. m	N 43 39 25.20	W 94 36 43.1	
	8.92 km	5.54 mi	301.91°	MARTIN COUNTY KNIGHTS OF COLUMBUS, INC.					

*Pursuant to CFR 47 Sect 74.1204(a), translators are required to protect only *authorized stations*. At the time of this filing, BNPED-20071022BRF is a pending application and as such this instant translator application is not required to protect this application.

That being stated, however, in the event BNPED-20071022BRF does get granted, Refuge Media Group certifies to comply with the provisions of 47 CFR Section 74.1203 concerning *actual interference*. In the event there is actual harmful interference, remedial solutions will include some or all of the following (but not limited to:) the installation of a filter, apply to reduce power and apply to reduce antenna height. In the event a solution to interference cannot be found, RMG certifies to suspend operation pursuant to 74.1203(b).

<u>KGAC</u>	213 C1 FM	90.5 MHz	LIC	ST. PETER	MN	US	BLED-19850401KB		
	<u>42910</u>	75. kW		216. m	504. m	201. m	N 44 13 20.00	W 94 7 3.0	
		74.8 km	46.46 mi	25.27°	MINNESOTA PUBLIC RADIO				
	HAAT toward Proposal: 219.1 m								
	Dist to 60 dBu F(50,50) toward Proposal: 62.8 km								
	HAAT of proposal toward KGAC: 51.7 m								
	Dist to 54 dBu F(50,10) of proposal toward KGAC: 11.9 km								
						74.7 km			0.1 km

<u>KJWR</u>	215 C3 FM	90.9 MHz	CP	WINDOM	MN	US	BPED-19981215MB		
	<u>92363</u>	25. kW		100. m	534. m	65. m	N 44 0 22.00	W 95 12 9.0	
	<u>1253120</u>	70.2 km	43.60 mi	308.63°	MINN-IOWA CHRISTIAN BROADCASTING INC				
	Dist to 60 dBu F(50,50) Contour: 39.1 km								
						51.5 km			18.7 km

<u>KTPR</u>	216 C FM	91.1 MHz	APP	FORT DODGE	IA	US	BSTA-20070807ABO		
	<u>29066</u>	100. kW		326. m	676. m	320. m	N 42 49 3.00	W 94 24 41.0	
	<u>1253947</u>	89.013.8 km	55.30 mi	174.39°	IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY				
	Dist to 60 dBu F(50,50) Contour: 74.3 km								
						75.2 km			13.8 km

