



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	Channel	Service	Frequency	Status	City	State	Country	File Number
FacilityID	ERP	DA?	HAAT	RCAMSL	RCAGL	Latitude	Longitude	
ASRN	Dist(km)	Dist(mi)	Azimuth	Licensee/Permittee	Req	Dist		Clear by
<u>NEW</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	
<u>1037050</u>	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	BLER-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

