



Refuge Media Group
Exhibit 12-1 Allocation Study for channel 211FX
(Fairmont, MN Proposal 12/18/2008)

Channel: 214 (90.1 MHz)
Antenna: Non-directional Circularly Polarized
ERP: 0.160 kW

North Lat: 43° 36' 53"
West Long: 94° 31' 5"
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	Channel	Class	Frequency	Status	City	State	Country	File Number
Docket	FacilityID	Service	ERP	DA?	HAAT	RCAMSL	RCAGL	Latitude
ASRN	Dist(km)	Dist(mi)	Azimuth	Licensee/Permittee	Req	Dist	Clear by	Longitude

NEW	210 C2 FM	89.9 MHz	APP		ESTHERVILLE	IA	US	BNPED-20071017AGD
-	172644	23. kW	DA		124. m	550. m	87. m	N 43 15 58.00 W 94 53 35
1256724	49.2 km	30.58 mi	218°	IOWA LAKES COMMUNITY COLLEGE				
Dist to 60 dBu F(50,50) Contour (in 38° radial:)							32.9 km	45.3 km
								3.9 km

*Pursuant to CFR 47 Sect 74.1204(a), translators are required to protect only *authorized stations*. At the time of this filing, BNPED-20071017AGD 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-20071017AGD does get granted, Refuge Media Group certifies to comply with the provisions of 47 CFR Section 74.1203 concerning *actual* interference. In this case, operations may need to be suspended because there might be harmful interference as this is a first adjacent channel. In the event BNPED-20071017AGD commences program tests, RMG understands FCC approval may be needed to operate on a different channel.

NEW	211 A FM	90.1 MHz	APP		SPIRIT LAKE	IA	US	BNPED-20071012AHX
173390	6. kW	68. m			513. m	57. m	N 43 24 15.00 W 95 3 44.00	-
49.8 km	30.97 mi	242.11°	REFUGE MEDIA GROUP					
Dist to 60 dBu F(50,50) Contour:							23.7 km	52.7 km
								Short

*Pursuant to CFR 47 Sect 74.1204(a), translators are required to protect only *authorized stations*. At the time of this filing, BNPED-20071012AHX 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-20071012AHX does get granted, Refuge Media Group certifies to comply with the provisions of 47 CFR Section 74.1203 concerning *actual* interference. In this case, operations will need to be suspended because there will be harmful interference as this is a co-channel. In the event BNPED-20071012AHX commences program tests, RMG understands in order to resume operations, it must seek FCC approval on a different channel (although a reduction in ERP would eliminate contour overlap.)

Also, Please note BNPED-20071012AHX is Refuge Media Group's application.

NEW	211 C3 FM	90.1 MHz	APP		FAIRMONT	MN	US	BNPED-20071022BRF
171277	22. kW	DA	69. m		445. m	65. m	N 43 39 25.20 W 94 36 43.10	1037050
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 this case, operations will need to be suspended because there will be harmful interference as this is a co-channel. In the event **BNPED-20071022BRF** commences program tests, RMG understands in order to resume operations, it must seek FCC approval on a different channel.

<u>NEW</u>	211 A	FM	90.1 MHz	APP	JACKSON	MN	US	BNPED-20071016AHO
-	<u>173386</u>		0.19 kW		97.3 m	530.3 m	97.5 m	N 43 36 12.20 W 94 59 33
<u>1024316</u>	38.3 km	23.81 mi	268.27°	MINNESOTA PUBLIC RADIO				
Dist to 60 dBu F(50,50) contour:	7.4 km						36.4 km	1.8 km

<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
-	74.8 km	46.46 mi	25.27°	MINNESOTA PUBLIC RADIO				
Dist to 60 dBu F(50,50) Contour:	62.5 km						63.4 km	11.4 km