



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 Docket ASRN	Channel FacilityID Dist(km)	Class Service ERP Dist(mi)	Frequency Status DA? Azimuth	City HAAT Licensee/Permittee	State RCAMSL RCAGL	Country Latitude Req Dist	File Number Longitude	Clear by	
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
8.92 km		5.54 mi	301.91°	MARTIN COUNTY KNIGHTS OF COLUMBUS, INC.				1037050

*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