

## KILGORE BROADCAST MAINTENANCE

Page No 1

FILE: App237D.D37 Relocate as WAPL Fill-In 0.099kW 138mEAH  
 FCC DATABASE: 20081006 Appleton, WI LATITUDE: 44-14-37  
 DATE: 11-02-2008 CH 237D Cleared by 60 km LONGITUDE: 88-22-00

Call City of License ST hERPkW hAMSL hEAH Latitude AzTo Dist-km  
 Auth Channel Freq Updated vERPkW vAMSL vEAH Longitude AzFr Req-km  
 File# Owner AppID FacID Clrd-km

-----

WZOR MISHICOT WI 0.000 0 0 44-22-48N 75.8 61.8  
 USE 234C3 94.7 US 0.000 0 0 87-36-58W 255.8 37.8  
 RM- 9336 WOODWARD COMMUNICATIONS, INC. 288601 4098 24.0 CLOSE  
 Docket# 99-145 Dist= 0  
 NOTE: 25.000 kW, 100 m EAH @ 315 m RCAMSL used in calc.  
 WZOR 25.000kW 89mEAH 60.0dBuF(50,50) 37.11km +  
 Prop 0.099kW 34mEAH 100.0dBuF(50,10) 0.70km = 37.81km

WZOR MISHICOT WI 0.000 0 0 44-14-12N 90.8 58.1  
 USE 234A 94.7 US 0.000 0 0 87-38-24W 270.8 24.1  
 - WOODWARD COMMUNICATIONS, INC. 300309 4098 34.0 CLEAR  
 NOTE: 6.000 kW, 100 m EAH @ 303 m RCAMSL used in calc.  
 WZOR 6.000kW 66mEAH 60.0dBuF(50,50) 23.45km +  
 Prop 0.099kW 17mEAH 100.0dBuF(50,10) 0.70km = 24.15km

WZOR MISHICOT WI 21.500 352 108 44-20-30N 76.8 47.6  
 LIC 234C3 94.7 US 21.500 352 108 87-47-10W 256.8 35.7  
 BLH-010724AB WOODWARD COMMUNICATIONS, INC. 575001 4098 11.9 CLOSE  
 Req. 73.215Dist= 0  
 Dir Ant = ERI MP-4E-DA-HW @ 0.0 Deg  
 WZOR 21.500kW 84mEAH 60.0dBuF(50,50) 35.01km +  
 Prop 0.099kW 33mEAH 100.0dBuF(50,10) 0.70km = 35.70km  
 Station DAAzim RotateANT Azim BEARFM PwrRatio RadialERP

WZOR MISHICOT WI 12.000 344 100 44-20-30N 76.8 47.6  
 LIC 234C3 94.7 US 12.000 344 100 87-47-10W 256.8 29.9  
 BXLH-040317AB WOODWARD COMMUNICATIONS, INC. 983291 4098 17.7 CLOSE  
 WZOR 12.000kW 76mEAH 60.0dBuF(50,50) 29.19km +  
 Prop 0.099kW 33mEAH 100.0dBuF(50,10) 0.70km = 29.89km

WLST MARINETTE WI 100.000 317 133 45-03-48N 31.7 107.1  
 LIC 236C1 95.1 US 100.000 317 133 87-39-26W 211.7 74.2  
 BLH-931206KB ARMADA MEDIA-MENOMINEE, INC. 192702 47935 32.9 CLOSE  
 Intl Status = OPER Border= C Dist=285 Intl Class= C1  
 WLST 100.000kW 136mEAH 60.0dBuF(50,50) 56.55km +  
 Prop 0.099kW 39mEAH 54.0dBuF(50,10) 17.69km = 74.24km

WLST MARINETTE WI 0.000 0 0 45-03-48N 31.7 107.1  
 USE 236C1 95.1 US 0.000 0 0 87-39-26W 211.7 90.2  
 - ARMADA MEDIA-MENOMINEE, INC. 291677 47935 16.9 CLOSE  
 Intl Status = USE Border= C Dist= 0 Intl Class= C1  
 NOTE: 100.000 kW, 299 m EAH @ 482 m RCAMSL used in calc.  
 WLST 100.000kW 301mEAH 60.0dBuF(50,50) 72.47km +  
 Prop 0.099kW 39mEAH 54.0dBuF(50,10) 17.69km = 90.16km

W236AG FOND DU LAC WI 0.080 277 0 43-46-45N 187.1 52.0  
 LIC 236D 95.1 US 0.080 277 0 88-26-47W 7.1 24.7  
 BLFT-060412AA BETHESDA CHRISTIAN BROADCASTING 1125782 20621 27.3 CLOSE  
 Prop 0.099kW 22mEAH 60.0dBuF(50,50) 5.59km +  
 W236AG 0.080kW 51mEAH 54.0dBuF(50,10) 10.00km = 15.59km  
 W236AG 0.080kW 51mEAH 60.0dBuF(50,50) 6.96km +  
 Prop 0.099kW 22mEAH 54.0dBuF(50,10) 17.69km = 24.65km

## KILGORE BROADCAST MAINTENANCE

Page No 2

FILE: App237D.D37 Relocate as WAPL Fill-In 0.099kW 138mEAH  
 FCC DATABASE: 20081006 Appleton, WI LATITUDE: 44-14-37  
 DATE: 11-02-2008 CH 237D Cleared by 60 km LONGITUDE: 88-22-00

Call City of License ST hERPkW hAMSL hEAH Latitude AzTo Dist-km  
 Auth Channel Freq Updated vERPkW vAMSL vEAH Longitude AzFr Req-km  
 File# Owner AppID FacID Clrd-km

-----

WXRO BEAVER DAM WI 6.000 373 100 43-28-09N 203.2 93.6  
 LIC 237A 95.3 US 6.000 373 100 88-49-32W 23.2 66.9  
 BLH-911024KA GOOD KARMA BROADCASTING, L.L.C 166113 4474 26.7 CLOSE  
 Req. 73.215Dist= 0  
 Dir Ant = ODD ODD900615IB @ 0.0 Deg  
 WXRO 6.000kW 87mEAH 60.0dBuF(50,50) 26.44km +  
 Prop 0.099kW 22mEAH 40.0dBuF(50,10) 40.47km = 66.90km  
 Station DAAzim RotateANT Azim BEARFM PwrRatio RadialERP

WXRO BEAVER DAM WI 0.000 0 0 43-28-08N 203.2 93.7  
 USE 237A 95.3 US 0.000 0 0 88-49-32W 23.2 66.9  
 - GOOD KARMA BROADCASTING, L.L.C 291827 4474 26.8 CLOSE  
 NOTE: 6.000 kW, 100 m EAH @ 373 m RCAMSL used in calc.  
 WXRO 6.000kW 86mEAH 60.0dBuF(50,50) 26.39km +  
 Prop 0.099kW 22mEAH 40.0dBuF(50,10) 40.47km = 66.85km

W237CE HOWARDS GROVE WI 0.055 245 0 43-51-42N 131.7 63.8  
 LIC 237D 95.3 US 0.055 245 0 87-46-20W 311.7 45.3  
 BLFT-050324AG WRVM, INC. 1053795 150568 18.5 CLOSE  
 Prop 0.099kW -7mEAH 60.0dBuF(50,50) 5.59km +  
 W237CE 0.055kW 30mEAH 40.0dBuF(50,10) 15.60km = 21.19km  
 W237CE 0.055kW 30mEAH 60.0dBuF(50,50) 4.82km +  
 Prop 0.099kW -7mEAH 40.0dBuF(50,10) 40.47km = 45.29km

W237AA APPLETON WI 0.120 275 0 44-14-42N 270.8 11.0  
 LIC 237D 95.3 US 0.120 275 0 88-30-16W 90.8 47.6  
 BLFT-070402AA WRVM, INC. 1179709 22193 -36.6 SHORT  
 Prop 0.099kW 9mEAH 60.0dBuF(50,50) 5.59km +  
 W237AA 0.120kW 45mEAH 40.0dBuF(50,10) 24.10km = 29.69km  
 W237AA 0.120kW 45mEAH 60.0dBuF(50,50) 7.17km +  
 Prop 0.099kW 9mEAH 40.0dBuF(50,10) 40.47km = 47.64km

WIFC WAUSAU WI 0.000 0 0 44-55-14N 305.6 129.4  
 USE 238C 95.5 US 0.000 0 0 89-41-31W 125.6 110.0  
 - WRIG, INC. 291909 74102 19.4 CLOSE  
 NOTE: 100.000 kW, 600 m EAH @ 984 m RCAMSL used in calc.  
 WIFC 100.000kW 614mEAH 60.0dBuF(50,50) 92.36km +  
 Prop 0.099kW 14mEAH 54.0dBuF(50,10) 17.69km = 110.04km

NEW OSHKOSH WI 0.250 258 0 44-01-44N 209.7 27.5  
 APP 238D 95.5 US 0.250 258 0 88-32-13W 29.7 25.0  
 BNPFT-030317FK SISTER GRACE, INC. 649312 156035 2.5 CLOSE  
 Prop 0.099kW 22mEAH 60.0dBuF(50,50) 5.59km +  
 NEW 0.250kW 32mEAH 54.0dBuF(50,10) 10.53km = 16.12km  
 NEW 0.250kW 32mEAH 60.0dBuF(50,50) 7.36km +  
 Prop 0.099kW 22mEAH 54.0dBuF(50,10) 17.69km = 25.05km

## KILGORE BROADCAST MAINTENANCE

Page No 3

FILE: App237D.D37 Relocate as WAPL Fill-In 0.099kW 138mEAH  
 FCC DATABASE: 20081006 Appleton, WI LATITUDE: 44-14-37  
 DATE: 11-02-2008 CH 237D Cleared by 60 km LONGITUDE: 88-22-00

Call City of License ST hERPkW hAMSL hEAH Latitude AzTo Dist-km  
 Auth Channel Freq Updated vERPkW vAMSL vEAH Longitude AzFr Req-km  
 File# Owner AppID FacID Clrd-km

```

-----
WIFC WAUSAU WI 100.000 715 329 44-55-14N 305.6 129.3
LIC 238C 95.5 US 100.000 715 329 89-41-28W 125.6 93.3
    BLH-031021AE WRIG, INC. 694804 74102 36.0 CLOSE
    WIFC 98.600kW 345mEAH 60.0dBuF(50,50) 75.57km +
    Prop 0.099kW 14mEAH 54.0dBuF(50,10) 17.69km = 93.25km

W238BC MANITOWOC WI 0.038 253 0 44-10-24N 96.9 64.9
LIC 238D 95.5 US 0.038 253 0 87-33-38W 276.9 23.5
    BLFT-070724AC EVANGEL MINISTRIES, INC. 1196558 144788 41.4 CLEAR
    Prop 0.099kW 13mEAH 60.0dBuF(50,50) 5.59km +
    W238BC 0.038kW 51mEAH 54.0dBuF(50,10) 8.15km = 13.73km
    W238BC 0.038kW 51mEAH 60.0dBuF(50,50) 5.77km +
    Prop 0.099kW 13mEAH 54.0dBuF(50,10) 17.69km = 23.45km

NEW OSHKOSH WI 0.170 265 0 44-02-10N 210.0 26.6
APP 239D 95.7 US 0.170 265 0 88-31-59W 30.0 8.0
    BNPFT-030317KV EVANGEL MINISTRIES, INC. 637233 144807 18.6 CLOSE
    Prop 0.099kW 22mEAH 60.0dBuF(50,50) 5.59km +
    NEW 0.170kW 39mEAH 100.0dBuF(50,10) 0.91km = 6.50km
    NEW 0.170kW 39mEAH 60.0dBuF(50,50) 7.30km +
    Prop 0.099kW 22mEAH 100.0dBuF(50,10) 0.70km = 8.00km

WKSZ DE PERE WI 4.500 479 236 44-21-32N 67.2 33.0
LIC 240C3 95.9 US 4.500 479 236 87-59-07W 247.2 40.5
    BLH-960529KC WOODWARD COMMUNICATIONS INC 226564 1518 -7.5 SHORT /1
    Req. 73.215Dist= 0
    WKSZ 4.500kW 247mEAH 60.0dBuF(50,50) 39.80km +
    Prop 0.099kW 44mEAH 100.0dBuF(50,10) 0.70km = 40.50km

WKSZ DE PERE WI 0.000 0 0 44-23-22N 58.9 31.4
USE 240C3 95.9 US 0.000 0 0 88-01-47W 238.9 43.9
    - WOODWARD COMMUNICATIONS INC 296290 1518 -12.5 SHORT /2
    NOTE: 25.000 kW, 100 m EAH @ 327 m RCAMSL used in calc.
    WKSZ 25.000kW 129mEAH 60.0dBuF(50,50) 43.17km +
    Prop 0.099kW 45mEAH 100.0dBuF(50,10) 0.70km = 43.87km

WKSZ DE PERE WI 8.700 399 156 44-21-32N 67.2 33.0
LIC 240C3 95.9 US 8.700 399 156 87-59-07W 247.2 39.7
    BXLH-040317AB WOODWARD COMMUNICATIONS INC 983446 1518 -6.7 SHORT /3
    WKSZ 8.700kW 167mEAH 60.0dBuF(50,50) 39.02km +
    Prop 0.099kW 44mEAH 100.0dBuF(50,10) 0.70km = 39.72km
  
```

## KILGORE BROADCAST MAINTENANCE

Page No 4

FILE: App237D.D37 Relocate as WAPL Fill-In 0.099kW 138mEAH  
FCC DATABASE: 20081006 Appleton, WI LATITUDE: 44-14-37  
DATE: 11-02-2008 CH 237D Cleared by 60 kM LONGITUDE: 88-22-00

Call	City of License	ST	hERPkW	hAMSL	hEAH	Latitude	AzTo	Dist-km
Auth	Channel Freq	Updated	VERPkW	vAMSL	VEAH	Longitude	AzFr	Req-km
File#	Owner					AppID	FacID	Clrd-km

NEW	APPLETON	WI	0.013	330	0	44-15-16N	282.2	5.7
APP	291D 106.1	US	0.013	330	0	88-26-12W	102.2	0.0
	BNPFT-030317JY	RADIO ASSIST MINISTRY, INC.				649129	155872	5.7 NotReq

W291BG	GREEN BAY	WI	0.080	232	0	44-29-29N	45.3	39.1
LIC	291D 106.1	US	0.080	232	0	88-01-04W	225.3	0.0
	BLFT-070627AD	HORIZON CHRISTIAN FELLOWSHIP				1192964	155962	39.1 NotReq

/1 Auxiliary facility not required to be protected - protection is to Licensed facility.

/2 USED Allocations not required to be protected - protection is to Licensed facility.

/3 Waiver requested herein due to interfering contour not reaching populated area or any public areas. See Exhibit 12B for Waiver Request of 47CFR74.1204

\*\*\*\* END OF STUDY \*\*\*\*