

387mRCAMSL

FILE: Mar262D.D30

Reigel Tower

0.250kW 29mEAH

FCC DATABASE: 20070424

Marshfield, WI

LATITUDE: 44-39-00

DATE: 06-08-2007

CH 262D Cleared by 50 km

LONGITUDE: 90-08-20

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

WWIS-FM BLACK RIVER FALLS	WI	25.000	387	100	44-19-11N	238.5	70.3
LIC 259C3 99.7	US	25.000	387	100	90-53-31W	58.5	43.1
BLH-910516KD	WWIS RADIO, INC.				161331	74189	27.2 CLOSE

Dist= 0

Prop	0.250kW	11mEAH	60.0dBuF(50,50)	7.09km +
WWIS-F	25.000kW	120mEAH	100.0dBuF(50,10)	4.39km = 11.48km
WWIS-F	25.000kW	120mEAH	60.0dBuF(50,50)	42.01km +
Prop	0.250kW	11mEAH	100.0dBuF(50,10)	1.11km = 43.12km

WWIS-FM BLACK RIVER FALLS	WI	0.000	0	0	44-19-11N	238.5	70.3
USE 259C3 99.7	US	0.000	0	0	90-53-31W	58.5	43.2
-	WWIS RADIO, INC.				289947	74189	27.1 CLOSE

Docket# 89-218 Dist= 0

NOTE: 25.000 kW, 100 m EAH @ 387 m RCAMSL used in calc.

Prop	0.250kW	11mEAH	60.0dBuF(50,50)	7.09km +
WWIS-F	25.000kW	120mEAH	100.0dBuF(50,10)	4.39km = 11.49km
WWIS-F	25.000kW	120mEAH	60.0dBuF(50,50)	42.06km +
Prop	0.250kW	11mEAH	100.0dBuF(50,10)	1.11km = 43.16km

WIZD RUDOLPH	WI	13.000	459	138	44-20-19N	131.6	52.1
LIC 260C3 99.9	US	13.000	459	138	89-38-55W	311.6	41.2
BLH-960415KE	WRIG, INC				223538	73119	10.9 CLOSE

Dist= 0

Prop	0.250kW	24mEAH	60.0dBuF(50,50)	7.09km +
WIZD	13.000kW	147mEAH	100.0dBuF(50,10)	4.06km = 11.15km
WIZD	13.000kW	147mEAH	60.0dBuF(50,50)	40.11km +
Prop	0.250kW	24mEAH	100.0dBuF(50,10)	1.11km = 41.22km

WIZD RUDOLPH	WI	0.000	0	0	44-21-31N	130.2	50.2
USE 260C3 99.9	US	0.000	0	0	89-39-23W	310.2	41.3
-	WRIG, INC				299058	73119	8.9 CLOSE

Docket# 92-212 Dist= 0

NOTE: 25.000 kW, 100 m EAH @ 420 m RCAMSL used in calc.

Prop	0.250kW	24mEAH	60.0dBuF(50,50)	7.09km +
WIZD	25.000kW	107mEAH	100.0dBuF(50,10)	4.23km = 11.32km
WIZD	25.000kW	107mEAH	60.0dBuF(50,50)	40.14km +
Prop	0.250kW	24mEAH	100.0dBuF(50,10)	1.11km = 41.25km

WRHN RHINELANDER	WI	0.000	0	0	45-38-08N	28.6	124.8
USE 261C1 100.1	US	0.000	0	0	89-22-42W	208.6	82.4
-	NRG LICENSE SUB, LLC				300089	49800	42.4 CLOSE

Docket# 89-308 Intl Status = USE Border= C Dist=261 Intl Class= C1

NOTE: 100.000 kW, 299 m EAH @ 785 m RCAMSL used in calc.

Prop	0.250kW	11mEAH	60.0dBuF(50,50)	7.09km +
WRHN	100.000kW	298mEAH	54.0dBuF(50,10)	104.90km = 111.99km
WRHN	100.000kW	298mEAH	60.0dBuF(50,50)	72.24km +
Prop	0.250kW	11mEAH	54.0dBuF(50,10)	10.19km = 82.43km

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CH 262D Cleared by 50 km

LONGITUDE: 90-08-20

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

WRHN	RHINELANDER	WI	100.000	575	89	45-37-42N	28.3	123.5	
LIC	261C1 100.1	US	100.000	575	89	89-23-38W	208.3	59.0	
	BLH-050620AC	NRG	LICENSE SUB, LLC			1068086	49800	64.5	CLEAR
Border= C Dist=261									
Prop	0.250kW	10mEAH	60.0dBuF(50,50)			7.09km +			
WRHN	100.000kW	90mEAH	54.0dBuF(50,10)			78.34km = 85.43km			
WRHN	100.000kW	90mEAH	60.0dBuF(50,50)			48.84km +			
Prop	0.250kW	10mEAH	54.0dBuF(50,10)			10.19km = 59.02km			
W262AX	MARSHFIELD	WI	0.027	440	0	44-37-29N	149.9	3.2	
CP	262D 100.3	US	0.027	440	0	90-07-06W	329.9	29.3	
	BNPFT-030829BB	EDGEWATER BROADCASTING, INC.				683957	155297	-26.1	SHORT /1
Dist= 0									
Prop	0.250kW	20mEAH	60.0dBuF(50,50)			7.09km +			
W262AX	0.027kW	55mEAH	40.0dBuF(50,10)			18.10km = 25.19km			
W262AX	0.027kW	55mEAH	60.0dBuF(50,50)			5.52km +			
Prop	0.250kW	20mEAH	40.0dBuF(50,10)			23.77km = 29.29km			
W262BH	BLACK RIVER FALLS	WI	0.010	434	0	44-22-30N	241.3	63.7	
CP MOD	262D 100.3	US	0.010	434	0	90-50-31W	61.3	31.2	
	BMPFT-050228AC	EDGEWATER BROADCASTING, INC.				1048584	155296	32.5	CLOSE
Dist= 0									
Prop	0.250kW	6mEAH	60.0dBuF(50,50)			7.09km +			
W262BH	0.010kW	164mEAH	40.0dBuF(50,10)			25.02km = 32.12km			
W262BH	0.010kW	164mEAH	60.0dBuF(50,50)			7.42km +			
Prop	0.250kW	6mEAH	40.0dBuF(50,10)			23.77km = 31.19km			
	ROSHOLT	WI	0.000	0	0	44-40-12N	87.8	59.0	
VAC	263A 100.5	US	0.000	0	0	89-23-45W	267.8	39.2	
	RM- 10102					562358	0	19.8	CLOSE
Dist= 0									
NOTE: 6.000 kW, 100 m EAH @ 454 m RCAMSL used in calc.									
Prop	0.250kW	20mEAH	60.0dBuF(50,50)			7.09km +			
	6.000kW	106mEAH	54.0dBuF(50,10)			44.89km = 51.98km			
	6.000kW	106mEAH	60.0dBuF(50,50)			29.06km +			
Prop	0.250kW	20mEAH	54.0dBuF(50,10)			10.19km = 39.25km			
NEW	ROSHOLT	WI	0.000	0	0	44-40-12N	87.8	59.0	
APP	263A 100.5	US	0.000	0	0	89-23-45W	267.8	39.2	
	BSFH-061219AE	JER LICENSES, LLC				1179903	170968	19.8	CLOSE
Dist= 0									
NOTE: 6.000 kW, 100 m EAH @ 454 m RCAMSL used in calc.									
Prop	0.250kW	20mEAH	60.0dBuF(50,50)			7.09km +			
NEW	6.000kW	106mEAH	54.0dBuF(50,10)			44.89km = 51.98km			
NEW	6.000kW	106mEAH	60.0dBuF(50,50)			29.06km +			
Prop	0.250kW	20mEAH	54.0dBuF(50,10)			10.19km = 39.25km			

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Call	City of License	ST	hERP	kW	hAMSL	hEAH	Latitude	AzTo	Dist-km	
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File#	Owner							AppID	FacID	Clrd-km

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WBIZ-FM EAU CLAIRE WI 100.000 441 147 44-55-44N 285.6 115.3  
LIC 264C1 100.7 US 100.000 441 147 91-32-31W 105.6 61.4  
BLH-970410KA CAPSTAR TX LIMITED PARTNERSHIP 244691 2108 53.9 CLEAR  
Dist= 0  
Prop 0.250kW 1mEAH 60.0dBuF(50,50) 7.09km +  
WBIZ-F 100.000kW 165mEAH 100.0dBuF(50,10) 7.44km = 14.53km  
WBIZ-F 100.000kW 165mEAH 60.0dBuF(50,50) 60.25km +  
Prop 0.250kW 1mEAH 100.0dBuF(50,10) 1.11km = 61.36km

WBIZ-FM EAU CLAIRE WI 0.000 0 0 44-47-58N 279.0 106.5  
USE 264C1 100.7 US 0.000 0 0 91-27-59W 99.0 72.2  
- CAPSTAR TX LIMITED PARTNERSHIP 293987 2108 34.3 CLOSE  
Dist= 0  
NOTE: 100.000 kW, 299 m EAH @ 575 m RCAMSL used in calc.  
Prop 0.250kW 11mEAH 60.0dBuF(50,50) 7.09km +  
WBIZ-F 100.000kW 283mEAH 100.0dBuF(50,10) 9.86km = 16.95km  
WBIZ-F 100.000kW 283mEAH 60.0dBuF(50,50) 71.05km +  
Prop 0.250kW 11mEAH 100.0dBuF(50,10) 1.11km = 72.15km

NEW STEVENS POINT WI 0.013 446 0 44-32-17N 106.1 44.9  
APP 264D 100.7 US 0.013 446 0 89-35-42W 286.1 7.7  
BNPFT-030317MH EDGEWATER BROADCASTING, INC. 648402 155178 37.2 CLEAR  
Dist= 0  
Prop 0.250kW 23mEAH 60.0dBuF(50,50) 7.09km +  
NEW 0.013kW 111mEAH 100.0dBuF(50,10) 0.25km = 7.34km  
NEW 0.013kW 111mEAH 60.0dBuF(50,50) 6.59km +  
Prop 0.250kW 23mEAH 100.0dBuF(50,10) 1.11km = 7.70km

W264AP WAUSAU WI 0.010 550 0 44-55-11N 50.5 47.1  
LIC 264D 100.7 US 0.010 550 0 89-40-45W 230.5 8.5  
BLFT-030923AA WRVM, INC. 687491 73058 38.6 CLEAR  
Dist= 0  
Prop 0.250kW 29mEAH 60.0dBuF(50,50) 7.09km +  
W264AP 0.010kW 162mEAH 100.0dBuF(50,10) 0.22km = 7.31km  
W264AP 0.010kW 162mEAH 60.0dBuF(50,50) 7.35km +  
Prop 0.250kW 29mEAH 100.0dBuF(50,10) 1.11km = 8.46km

/1 This is the subject facility of this application.

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