



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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POLNET COMMUNICATIONS, LTD.  
 3656 W BELMONT AVE.  
 CHICAGO IL 60618

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Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

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Grant Date: July 20, 2009

Facility Id: 52910

Call Sign: WNVN

This license expires 3:00 a.m.  
 local time, December 01, 2012.

License File Number: BL-20090410AWM

This license covers permit no.: BP-20070725AEZ

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Daytime with Secondary nighttime

Average hours of sunrise and sunset:  
 Local Standard Time (Non-Advanced)

Jan.	7:15 AM	4:45 PM	Jul.	4:30 AM	7:30 PM
Feb.	6:45 AM	5:30 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:00 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:30 PM	Oct.	6:00 AM	5:15 PM
May	4:30 AM	7:00 PM	Nov.	6:45 AM	4:30 PM
Jun.	4:15 AM	7:30 PM	Dec.	7:15 AM	4:15 PM

Callsign: WNVR

License No.: BL-20090410AWM

Name of Licensee: POLNET COMMUNICATIONS, LTD.

Station Location: VERNON HILLS, IL

Frequency (kHz): 1030

Station Class: D

Antenna Coordinates:

Day

Latitude: N 42 Deg 15 Min 10 Sec

Longitude: W 88 Deg 23 Min 45 Sec

Night

Latitude: N 42 Deg 15 Min 10 Sec

Longitude: W 88 Deg 23 Min 45 Sec

Critical

Latitude: N 42 Deg 15 Min 10 Sec

Longitude: W 88 Deg 23 Min 45 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 10.0 Night: 0.12 Critical: 3.2

Antenna Input Power (kW): Day: 10.53 Night: 0.36 Critical: 3.5

Antenna Mode: Day: DA Night: DA Critical: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 14.51 Night: 2.68 Critical: 8.37

Resistance (ohms): Day: 50 Night: 50 Critical: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	30.5
2	None	30.5
3	None	30.5
4	None	30.5

Night:

Tower No.	ASRN	
1	None	30.5
2	None	30.5

Critical:

Tower No.	ASRN	
1	None	30.5
2	None	30.5
3	None	30.5
4	None	30.5

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 900.7 Night: 89.72 Critical: 509.5  
 Standard RMS (mV/m/km): Day: 946.3 Night: 94.79 Critical: 535.3  
 Augmented RMS (mV/m/km):  
 Q Factor: Day: Night: Critical:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	TL/S
2	0.7000	-105.000	130.0000	65.000	0	TL/S
3	0.7000	-160.000	90.0000	150.000	0	TL/S
4	0.4900	95.000	130.0000	65.000	1	TL/S

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	36.6	9.40	.00	.00
2	36.6	9.40	.00	.00
3	36.6	9.40	.00	.00
4	36.6	9.40	.00	.00

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	TL/S
2	0.9000	25.000	164.4000	98.000	0	TL/S

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	36.6	9.40	.00	.00
2	36.6	9.40	.00	.00

Theoretical Parameters:

Critical Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	TL/S
2	0.7000	-105.000	130.0000	65.000	0	TL/S
3	0.7000	-160.000	90.0000	150.000	0	TL/S
4	0.4900	95.000	130.0000	65.000	1	TL/S

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	36.6	9.40	.00	.00
2	36.6	9.40	.00	.00
3	36.6	9.40	.00	.00
4	36.6	9.40	.00	.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-96.5	0.7
3	-151	0.709
4	104.5	0.5

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
4	16.6	0.5

Critical Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-96.5	0.7
3	-151	0.709
4	104.5	0.5

Antenna Monitor: POTOMAC INSTRUMENTS AM 1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
47.5	2.4	170.22
191.5	3.65	68.7
254	2.39	68.7
298.5	5.57	28.77

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
78.5	3.8	2.9
117.5	3.2	3.7
278	3.1	13.5

Critical Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
47.5	2.4	98.14
191.5	3.65	39.6
254	2.39	39.6
298.5	5.57	16.59

Special operating conditions or restrictions:

- 1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
  
- 2 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 73 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

Special operating conditions or restrictions:

3 Location of Monitor Points:

Daytime

Direction of 47.5° true North. Proceed on US 14 to Ridgefield Road. Turn left on Ridgefield Road and continue approximately 0.22 miles to point at driveway to barn on south side of road.

Direction of 191.5° true North. Proceed on Conley Road to Foster Road. Monitor point is at double-arrow traffic sign on south side of road at Foster intersection.

Direction of 254° true North. Proceed on SR 47 to Pleasant Valley Road Intersection. Monitor point is on old right-of-way on east side of SR 47/176 across from Pleasant Valley Road, at phone pedestal.

Direction of 298.5° true North. Proceed on Perkins Road and to Chukar Road. Turn right onto Chukar Road and continue north 100 feet to point on west side of Chukar Road.

4 Nighttime:

Direction of 78.5° true North. Proceed on Ridgefield Road to Crystal Lake Memorial Park Cemetery. Turn right into the cemetery and continue to the left approximately 0.22 miles to point at top of curve across road from "Ryan" and "Flentge" headstones.

Direction of 117.5° true North. Monitor Point is at 129 Sunnyside Ave.

Direction of 278° true North. Proceed on SR 176 to SR 47. Monitor Point is on the east side of SR 47 near sign, approximately 0.2 miles away from intersection.

\*\*\* END OF AUTHORIZATION \*\*\*