United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

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

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: August 03, 1999

This permit expires 3:00 a.m. local time, August 03, 2002.

Facility Id: 52910

Call Sign: WNVR

Permit File Number: BP-19990630AB

Authorization reissued to correct critical hours data in new system. (JBS 12/6/2000)

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Daytime

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

Name of Permittee: 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	

		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: 5.0 Critical: 3.2

Antenna Mode: Day: DA Critical: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	30.5
2	None	30.5
3	None	30.5
4	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: 636.9 Critical: 509.52

Standard RMS (mV/m/km): Day: 669.16 Critical: 535.33

Augmented RMS (mV/m/km):

Q Factor: Day: 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:

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

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3	36.6	9.40	.00	.00

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

Tower No.	A	B	C	D
4	36.6	9.40	.00	.00

Inverse Distance Field Strength:
The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Day:

Azimuth:	Radiation:	
47.5	307.2	mV/m
191.5	220.7	mV/m
254	150.1	mV/m
298.5	157.8	mV/m

Critical:

Azimuth:	Radiation:	
47.5	245.7	mV/m
191.5	176.5	mV/m
254	120.1	mV/m
298.5	126.3	mV/m

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 A complete nondirectional proof of performance, in addition to a complete proof on the day directional antenna system, shall be submitted before program tests are authorized. The nondirectional and directional field strength measurements must be made under similar environmental conditions.

3 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.

Special operating conditions or restrictions:

4 The proposed antenna shall be excited with a symmetrical folded unipole feed, utilizing a minimum of three folds. Slant wire feed is not permitted.

5 Before program tests are authorized, permittee shall submit sufficient current distribution measurement data to establish clearly that the current distribution approximates that of an antenna with electrical height of 46 degrees, as proposed.

6 Before program test authority is authorized by the Commission: sufficient radiofrequency (RF) electromagnetic field measurements taken at the tower fence shall be submitted to show that the new power level RF radiation is in compliance with the American National Standards Institute Guidelines (OET Bulletin No. 65. August 1997); or a fence must be erected at such distances and in such a manner as to prevent the exposure human exposure to radiofrequency electromagnetic fields in excess of the FCC Guidelines (OET Bulletin No. 65. Edition 97-01, August 1997). The fence must be of a type which will preclude casual or inadvertent access, and must include warning signs at appropriate intervals which describe the nature of the hazard. Permittee shall submit documentation of compliance with this special operating condition along with the Form 302, application for license and the request for program test authority.

*** END OF AUTHORIZATION ***