United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

POLNET COMMUNICATIONS, LTD.
4320 DUNDEE ROAD
NORTHBROOK IL 60062

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: August 21, 2006

This permit expires 3:00 a.m. local time, 36 months after the grant date specified above.

Facility Id: 52909

Call Sign: WKTA

Permit File Number: BP-20050718AFH

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 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: WKTA Permit No.: BP-20050718AFH

Name of Permittee: POLNET COMMUNICATIONS, LTD.

Station Location: EVANSTON, IL

Frequency (kHz): 1330

Station Class: D

Antenna Coordinates:

		Day			
Latitude:	N	42 Deg	08 Min	23 Sec	
Longitude:	W	87 Deg	53 Min	09 Sec	

		Night			
Latitude:	N	42 Deg	08 Min	23 Sec	
Longitude:	W	87 Deg	53 Min	09 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 Night: 0.052

Antenna Mode: Day: DA Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1253376	
3	1253385	
4	1253380	
6	1253382	

Night:

Tower No.	ASRN	Overall Height (m)
1	1253376	
2	1253736	
3	1253385	
4	1253380	
5	1253738	
6	1253382	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 653.69 Night: 69.66

Standard RMS (mV/m/km): Night: 73.89

Augmented RMS (mV/m/km): Day: 669.7

Q Factor: Day: Night:

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	76.9
3	1.0000	0.000	187.0000	5.000	0	76.9
4	1.0200	-122.500	60.0000	100.000	0	76.9
6	1.0000	-124.000	195.0000	22.500	0	76.9

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	28.0	42.0	208.99
2	340.0	20.0	75.59
3	346.0	12.0	78.89

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	76.9
2	0.6000	100.000	93.5000	5.000	0	52.6
3	0.3000	200.000	187.0000	5.000	0	76.9
4	0.5000	-180.000	60.0000	100.000	0	76.9
5	0.3000	-80.000	106.6000	39.100	0	52.6
6	0.1500	20.000	195.0000	22.500	0	76.9

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

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:	
23	184.1	mV/m
167	53.6	mV/m
202.5	53.5	mV/m
262	26.1	mV/m
296	25.8	mV/m
346	78.9	mV/m

Night:

Azimuth:	Radiation:	
8.5	32.5	mV/m
71.5	43.4	mV/m
189.5	84.3	mV/m
297.5	45.3	mV/m

Special operating conditions or restrictions:

1 The permittee/licensee in coordination with other users of the site 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 night 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 A partial proof of performance on the day directional antenna system made in accordance with section 73.154(a) of the Rules shall be submitted before program tests are authorized.

Special operating conditions or restrictions:

4 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.

5 Prior to construction of the tower authorized herein, permittee shall notify AM Station WEEF, Wheeling, IL (BMJP-20050118AEC) so that, if necessary that AM station: may
determine operating power by a method described in Section 73.51(a)(1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected and prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission.

6 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations WKTA and WEEF, Wheeling, IL (BMJP-20050118AEC), and there shall be filed with the license
application copies of a firm agreement entered into by the two stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, Stations WKTA and WEEF shall each measure antenna or common point
resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.

7 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 56.4 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

*** END OF AUTHORIZATION ***