

EAST KENTUCKY NETWORK  
101 TECHNOLOGY TRAIL  
IVEL, KY 41642  
PHONE: (606) 874-7550  
FAX: (606) 874-7551  
EMAIL: INFO@EKN.COM  
WEBSITE: WWW.EKN.COM



RECEIVED

MAR 03 2008

PUBLIC SERVICE  
COMMISSION

February 28, 2008

Michael F. Burford, Director  
Division of Filings  
Public Service Commission  
211 Sower Blvd.  
Frankfort, KY 40602-0615

RE: CASE NO. 2007-00459  
(Hargett Tower site)

Dear Mr. Burford:

Regarding a status update on the above referenced case, East Kentucky Network has completed construction of the Hargett Tower Site according to the stated specifications in the above referenced case.

Enclosed are the Antenna Structure Registration, FAA Determinations, and KAZC Approval for documentation. If you have any questions, please call me at 606-874-7550, Ext. 166.

Sincerely,

A handwritten signature in cursive script that reads "Janice Robinson".

Janice Robinson  
Technical Site Coordinator

Enclosures



**Kentucky Airport Zoning Commission**  
**200 Mero Street**  
**Frankfort, KY 40622**

(502) 564-4480  
fax: (502) 564-7953  
No.: AS-033-150-07-180

January 17, 2008

APPROVAL OF APPLICATION

APPLICANT:

East Kentucky Network, LLC  
Ali Kuzehkanani, Director of Engineering  
c/o Lukas, Nace, Guitierrez, & Sachs, Chtd  
1650 Tysons Boulevard, Suite 1500  
MCLEAN, VA 22102

SUBJECT: AS-033-150-07-180

STRUCTURE: Antenna Tower  
LOCATION: Hargett, KY  
COORDINATES: 37-46-54.6 N / 84-00-01.8 W  
HEIGHT: 315'AGL/1523'AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 315'AGL/1523'AMSL Antenna Tower near Hargett, KY 37-46-54.6 N / 84-00-01.8 W

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

A copy of the approved application is enclosed for your files.

Dual obstruction lighting is required in accordance with 602 KAR 50:100

A handwritten signature in black ink, appearing to read "John Houlihan".

John Houlihan, Administrator

Kentucky Transportation Cabinet Kentucky Airport Zoning Commission 200 Mero Street Frankfort KY 40622

Kentucky Aeronautical Study Number

**APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE**

*AS-033-75007-18D*

INSTRUCTIONS INCLUDED

1 APPLICANT -- Name Address Telephone Fax etc  
 East Kentucky Network, LLC  
 c/o Lukas, Nace, Gutierrez & Sachs, Chhd  
 1650 Tysons Blvd, Suite 1500  
 McLean, VA 22102  
 T: 703-584-8667 F: 703-584-8692

9 Latitude: 37 ° 46 ' 54 " 6 "  
 10 Longitude: 84 ° 00 ' 01 " 8 "  
 11 Datum:  NAD83  NAD27  Other \_\_\_\_\_  
 12 Nearest Kentucky City: Hargett County Estill

2 Representative of Applicant -- Name Address Telephone Fax  
 Ali Kuzehkanani  
 Lukas, Nace, Gutierrez & Sachs, Chhd  
 1650 Tysons Blvd, Suite 1500  
 McLean, VA 22102  
 T: 703-584-8667 F: 703-584-8692

13 Nearest Kentucky public use or Military airport:  
Staton Airport  
 14 Distance from #13 to Structure: 9.7 miles  
 15 Direction from #13 to Structure: SSW

3 Application for:  New Construction  Alteration  Existing  
 4 Duration:  Permanent  Temporary (Months \_\_\_\_\_ Days \_\_\_\_\_)  
 5 Work Schedule: Start 10/15/2007 End 10/30/2007  
 6 Type:  Antenna Tower  Crane  Building  Power Line  
 Landfill  Water Tank  Other \_\_\_\_\_

16 Site Elevation (AMSL): 1 208 00 Feet  
 17 Total Structure Height (AGL): 315.00 Feet  
 18 Overall Height (#16 + #17) (AMSL): 1,523.00 Feet  
 19 Previous FAA and/or Kentucky Aeronautical Study Number(s): \_\_\_\_\_

7 Marking/Painting and/or Lighting Preferred:  
 Red Lights and Paint  Dual - Red & Medium Intensity White  
 White - Medium Intensity  Dual - Red & High Intensity White  
 White - High Intensity  Other \_\_\_\_\_  
 8 FAA Aeronautical Study Number: \_\_\_\_\_

20 Description of Location: (Attach USGS 7.5 minute Quadrangle Map or an Airport layout Drawing with the precise site marked and any certified survey)  
 Site is located approx 0.5 mi (0.8 km) east of Hargett (Estill), KY

21 Description of Proposal:  
 The structure will include a 300' tower with top-mounted cellular antennas (overall height of 315' AGL). The ERP will be 500 watts

22 Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?  
 No  Yes, When September 25, 2007

CERTIFICATION: I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief  
 Ali Kuzehkanani/ Dir of Engineering *Ali Kuzehkanani* 9/25/2007  
 Printed Name and Title Signature Date

PENALTIES: Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050:Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties

Commission Action:  Chairman KAZC  Administrator KAZC  
 Approved  Disapproved *[Signature]* Date 1-17-08



Kentucky Airport Zoning Commission
200 Mero Street
Frankfort, KY 40622

(502) 564-4480
fax: (502) 564-7953
No.: AS-033-150-07-180

CONSTRUCTION/ALTERATION STATUS REPORT

January 17, 2008

AERONAUTICAL STUDY NUMBER: AS-033-150-07-180

East Kentucky Network, LLC
Ali Kuzehkanani, Director of Engineering
c/o Lukas, Nace, Guitierrez, & Sachs, Chtd
1650 Tysons Boulevard, Suite 1500
MCLEAN, VA 22102

This concerns the permit which was issued to you by the Kentucky Airport Zoning Commission on This permit is valid for a period of 18 Month(s) from its date of issuance If construction is not completed within the said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit When appropriate, please indicate the status of the project in the place below and return this letter to John Houlihan, Administrator, Kentucky Airport Zoning Commission, 200 Mero Street, Frankfort, KY 40622 (502) 564-4480

STRUCTURE: Antenna Tower
LOCATION: Hargett, KY
COORDINATES: 37-46-54 6 N / 84-00-01 8 W
HEIGHT: 315'AGL/1523'AMSL

CONSTRUCTION/ALTERATION STATUS

1 The project ( ) is abandoned ( ) is not abandoned

2 Construction status is as follows:
Structure reached its greatest height of \_\_\_\_\_ ft AGL
\_\_\_\_\_ ft AMSL on \_\_\_\_\_ (date)

Date construction was completed \_\_\_\_\_

Type of obstruction marking/painting \_\_\_\_\_

Type of obstruction lighting \_\_\_\_\_

As built coordinates \_\_\_\_\_

Miscellaneous Information: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE \_\_\_\_\_

SIGNATURE/TITLE \_\_\_\_\_



FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People



# Antenna Structure Registration

[FCC](#) > [WTB](#) > [ASR](#) > [Online Systems](#) > [ASR Search](#)

[FCC Site Map](#)

ASR Registration Search

## Registration 1261977

[? HELP](#)

[New Search](#) [Return to Results](#) [Printable Page](#) [Map Registration](#)

### Registration Detail

Reg Number	1261977	Status	Granted
File Number	A0586717	Constructed	
FAA Study	2007-ASO-6111-OE	EMI	No
FAA Issue Date	11/13/2007	NEPA	No

### Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates - [Convert to NAD27](#))

Lat/Long 37-46-54.6 N 084-00-01.8 W Hargett, 0.8 km east of  
City, State Hargett , KY

Center of AM Array

### Heights (meters)

Elevation of Site Above Mean Sea Level	368.2	Overall Height Above Ground (AGL)	96.0
Overall Height Above Mean Sea Level	464.2	Overall Height Above Ground w/o Appurtenances	91.4

### Painting and Lighting Specifications

FAA Chapters 4, 8, 12  
Paint and Light in Accordance with FAA Circular Number [70/7460-1K](#)

### Owner & Contact Information

FRN 0001786607 Licensee ID L00000729

#### Owner

East Kentucky Network, LLC d/b/a Appalachian Wireless  
101 Technology Trail  
Ivel , KY 41642  
P: (606)886-6007  
E:

#### Contact

Gist , Pamela L Esq  
1650 Tysons Blvd., Suite 1500  
McLean , VA 22102  
P: (703)584-8665  
E: [pgist@fcclaw.com](mailto:pgist@fcclaw.com)

### Last Action Status

Status	Granted	Received	02/27/2008
Purpose	New	Entered	02/27/2008

Mode                    Interactive

**Related Applications**

02/27/2008      [A0586717](#) - New (NE)

**Comments**

**Comments**

None

**Automated Letters**

None

**ASR Help**                    [ASR License Glossary](#) - [FAQ](#) - [Online Help](#) - [Documentation](#) - [Technical Support](#)

**ASR Online Systems**                    [TOWAIR](#)- [CORES](#) - [ASR Online Filing](#) - [Application Search](#) - [Registration Search](#)

**About ASR**                    [Privacy Statement](#) - [About ASR](#) - [ASR Home](#)

**Registration Search**   

[FCC](#) | [Wireless](#) | [ULS](#) | [CORES](#)

[Help](#) | [Tech Support](#)

Federal Communications Commission  
445 12th Street SW  
Washington, DC 20554

Phone: 1-877-480-3201  
TTY: 1-717-338-2824  
[Submit Help Request](#)



Federal Aviation Administration  
 Air Traffic Airspace Branch, ASW-520  
 2601 Meacham Blvd.  
 Fort Worth, TX 76137-0520

Aeronautical Study No.  
 2007-ASO-6111-OE  
 Prior Study No.  
 2007-ASO-5313-OE

Issued Date: 11/13/2007

Ali Kuzehkanani  
 East Kentucky Network, LLC  
 1650 Tysons Boulevard, Suite 1500  
 McLean, VA 22182

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:            Antenna Tower Hargett  
 Location:            Hargett, KY  
 Latitude:            37-46-54.600N NAD 83  
 Longitude:           84-00-01.800W  
 Heights:             315 feet above ground level (AGL)  
                           1523 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is marked and/or lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

This determination expires on 05/13/2009 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817) 838-1995. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2007-ASO-6111-OE.

**Signature Control No: 544650-100856181**

Alice Yett  
Technician

(DNE)

Attachment(s)  
Frequency Data

7460-2 Attached



Frequency Data for ASN 2007-ASO-6111-OE

<b>LOW FREQUENCY</b>	<b>HIGH FREQUENCY</b>	<b>FREQUENCY UNIT</b>	<b>ERP</b>	<b>ERP UNIT</b>
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W