

# Federal Communications Commission

## TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

**Licensee/Permittee**

DIGITAL NETWORKS-SOUTHEAST, LLC  
100 MARTIN LUTHER KING BLVD  
SUITE 402  
CHATTANOOGA, TN, 37402

<b>Call Sign</b>	<b>File Number</b>
W19ES-D	0000054180

**Facility ID:** 1013

**NTSC TSID:**

**Digital TSID:**

**This Permit Modifies License File No.:** BLTT-20060601BIX

<b>Grant Date</b> 09/24/2018		<b>Expiration Date</b> 36 months after the grant date
<b>Hours of Operation</b> Unlimited		
<b>Station Location</b>  City GALESBURG State IL	<b>Frequency (MHz)</b> 500.0 - 506.0	<b>Station Channel</b> 19

<b>Antenna Structure Registration Number</b> 1010144	
<b>Transmitter</b> Type Accepted. See Sections 74.750 of the Commission's Rules.	<b>Transmitter Output Power(kW)</b> As required to achieve authorized ERP.
<b>Antenna Coordinates</b>  Latitude 40-56-34.0 N Longitude 90-20-39.0 W	<b>Antenna Type</b> Directional
<b>Description of Antenna</b>  Make SCA Model PR HPOL Array 2@105 2@285	<b>Major Lobe Directions</b> 105.0
<b>Antenna Beam Tilt (Degrees Electrical)</b> Not Applicable	<b>Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)</b> Not Applicable

<b>Maximum Effective Radiated Power (Average)</b> 1.40 kW 1.46 DBK	
<b>Height of Radiated Center Above Ground (Meters)</b> 30.5	<b>Height of Radiated Center Above Mean Sea Level (Meters)</b> 266.7
<b>Out-Of-Channel Emission Mask</b> Full Service	<b>Overall Height of Antenna Structure Above Ground (Meters)</b> See the registration for this antenna structure.

## Waivers/Special Conditions

- This authorization is conditioned that the station will not begin transmitting on the requested channel prior to the discontinuation of operations by station WHOI, that is currently licensed to use that channel.
- Prior to construction of the tower authorized herein, permittee shall notify AM Station(s) listed below so that the station(s) may commence determining operating power by the indirect method. Permittee shall be responsible for the installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station(s). Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, antenna impedance measurements of the AM station(s) shall be made and sufficient field strength measurements, taken at 8 locations along each of six equally spaced radials, shall be made to establish that the AM radiation pattern is essentially omnidirectional. Prior to or simultaneous with the filing of application for license to cover this permit, the results of the field strength measurements and the impedance measurements shall be submitted to the Commission in an application for the AM station(s) to return to the direct method of power determination. Call sign: WGIL City: GALESBURG State: IL
- This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.

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.

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