

# Exhibit 16.1 - Copy of Existing Antenna Structure Registration



## Registration Detail

Reg Number	1031841	Status	Constructed
File Number	A0866389	Constructed	09/01/1960
EMI	No	Dismantled	
NEPA	No		

## Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Commu

### Location (in NAD83 Coordinates)

Lat/Long	44-16-33.2 N 085-42-48.7 W	Address	4272 SOUTH 11-1/4 MILE ROAD
City, State	SLAGLE TOWNSHIP , MI		
Zip	49638	County	WEXFORD
Center of AM Array		Position of Tower in Array	

## Heights (meters)

Elevation of Site Above Mean Sea Level	434.0	Overall Height Above Ground (AGL)	342.9
Overall Height Above Mean Sea Level	776.9	Overall Height Above Ground w/o Appurtenances	342.9

## Painting and Lighting Specifications

FCC Paragraphs 1, 3, 8, 17, 21

## FAA Notification

FAA Study	2002-AGL-5612-OE	FAA Issue Date	11/26/2002
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## Owner & Contact Information

FRN	0022491765	Owner Entity Type	Limited Liability Company
Assignor FRN	0015042005	Assignor ID	L01151660

### Owner

WPBN Licensee, LLC  
 Attention To: Clifford M. Harrington, Esq.  
 c/o Pillsbury - 2300 N Street, NW  
 Washington , DC 20037

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### Contact

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## Last Action Status

Status	Constructed	Received	12/06/2013
Purpose	Change Owner	Entered	12/06/2013
Mode	Interactive		

## Related Applications

12/06/2013	A0866389	- Change Owner (OC)
08/09/2013	A0844432	- Change Owner (OC)
05/10/2005	A0446104	- Notification (NT)

Related applications (7)

## Comments

### Comments

None

## History

### Date

12/07/2013

12/07/2013

12/06/2013

All History (14)

### Event

Registration Printed

Change of Ownership Letter Sent

Change of Ownership Received

## Automated Letters

12/07/2013	Authorization, Reference
12/07/2013	Ownership Change, Reference 777241
08/10/2013	Authorization, Reference

All letters (7)

## Exhibit 16.2

### Vertical Plan of Antenna System

The site is located at 4272 South 11¼ Mile Road,  
Slagle Township, Wexford County, Michigan.

#### Site Location (NAD 27)

NL: 44° 16' 33"

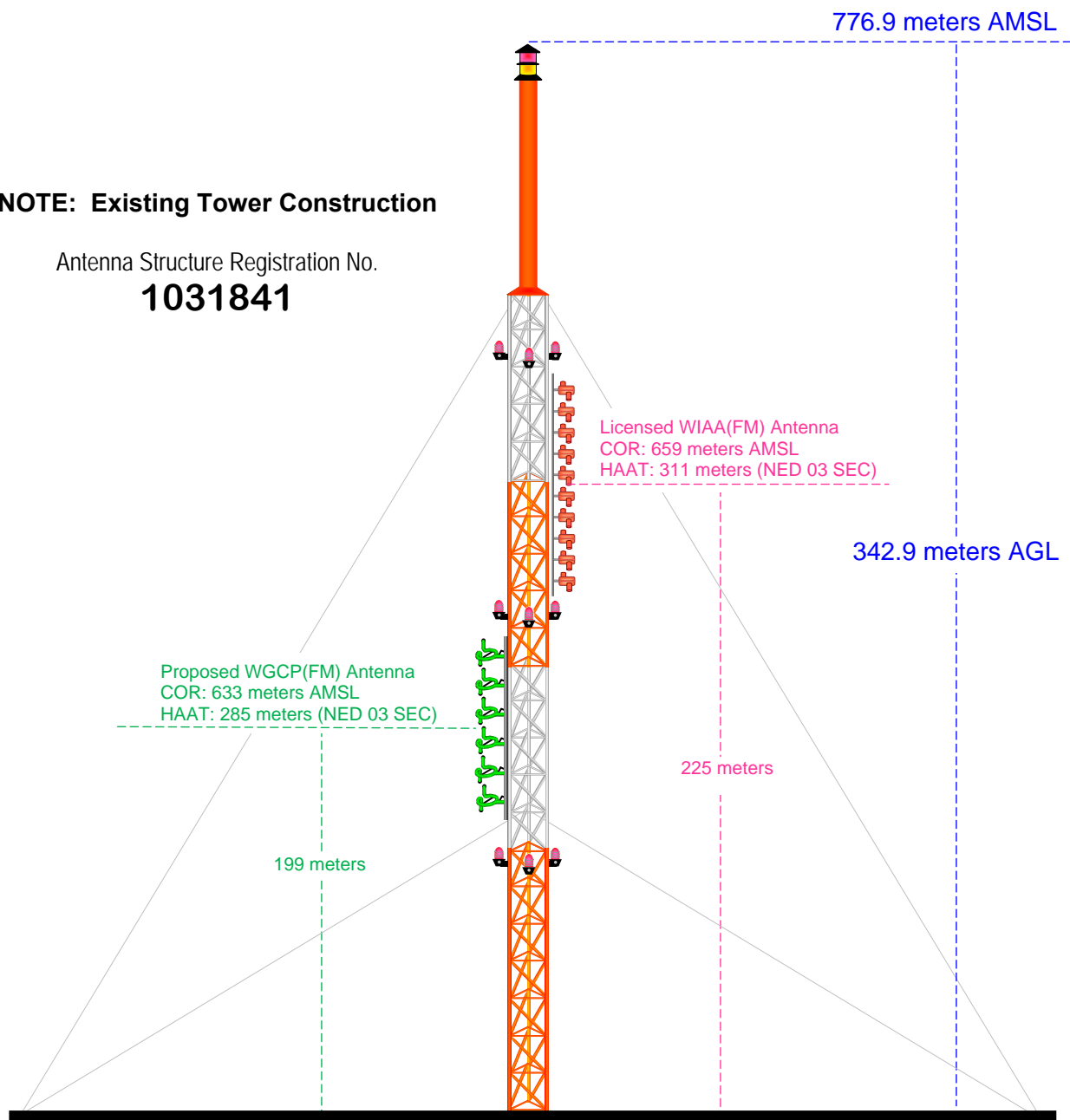
WL: 85° 42' 48"

(44-16-33.2 NL; 85-42-48.7 WL NAD 83)

#### NOTE: Existing Tower Construction

Antenna Structure Registration No.

**1031841**



Ground Elevation = 434.0 m AMSL

Drawing is not to Scale

**MUNN-REESE, INC.**

Broadcast Engineering Consultants  
Coldwater, MI 49036

## Exhibit 16.3

### Proposed FM Operating Specifications

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**Applicant:** West Central Michigan Media Ministries

**Call:** WGCP(FM)

**City of License:** Cadillac, MI

**Frequency:** 91.9 MHz    **Channel:** 220C3    **ERP:** 2.65 kW    **HAAT:** 285 M

**Transmitter Location:** The site is located at 4272 South 11¼ Mile Road

**Township:** Slagle

**County:** Wexford

**State:** Michigan

**Site Coordinates:** NL: 44° 16' 33"    /    WL: 85° 42' 48"

**Tower Registration Number:** 1031841

**Proposed Operation:** Class C3

**Effective Radiated Power:** 2.65 kW (H)                      2.65 kW (V)

**Height of Antenna Radiation Center Above:**

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	285 meters	633 meters	199 meters
Vertical	285 meters	633 meters	199 Meters

**Elevation of Tower Site :** 434.0 Meters AMSL

**Overall Height of Structure Above Ground :** 342.9 Meters AGL

**Overall Height of Structure Above Mean Sea Level:** 776.9 Meters AMSL

NED 03 SEC Terrain Database  
US Census 2010 PL Database

## Exhibit 16.4 Present vs Proposed Service Contour Study

**WGCP.L**  
Cadillac, MI  
BLED20091201ASN  
Facility ID: 174643  
Latitude: 44-17-08 N  
Longitude: 085-29-20 W  
ERP: 2.10 kW  
Channel: 220A (91.9 MHz)  
AMSL Height: 449.0 m  
Horiz. Pattern: Directional

60 dBμ F(50:50) Contour  
Total Population: 23,117  
Coverage Area: 559 sq. km

**WGCP.P**  
Cadillac, MI  
Proposed Operation  
Facility ID: 174643  
Latitude: 44-16-33 N  
Longitude: 085-42-48 W  
ERP: 2.65 kW  
Channel: 220C3 (91.9 MHz)  
AMSL Height: 633.0 m  
Horiz. Pattern: Omni

60 dBμ F(50:50) Contour  
Total Population: 59,054  
Coverage Area: 4,511 sq. km

Terrain  
147 520 m

Scale 1:450,000  
0 6 12 18 km

