

UNITED STATES OF AMERICA
 FEDERAL COMMUNICATIONS COMMISSION
 AM BROADCAST STATION LICENSE

File No. : BS-930630

Call Sign : W W G Z

LICENSEE:

COVENANT COMMUNICATIONS CORPORATION

1. Community of License: Lapeer, MI

2. Transmitter location: 1150 Morris Road
Lapeer, MI

North latitude: 43° 01' 35"

West longitude: 83° 17' 12"

6. Antenna and ground system: A T T A C H E D

3. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's rules)

4. Main Studio location: (See Section 73.1125)
286 W. Nepessing Street
Lapeer, MI

5. Remote control location:
286 W. Nepessing Street
Lapeer, MI

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: Tower No.1: 1, 3, 11 & 21;
Tower No.2: None Required.

8. Frequency: 1530 kHz

9. Nominal power (kW): 5.0 Day ----- Night

Antenna input power (kW):

5.4 Day ☐ Non-directional antenna: current 10 amperes; resistance 54 ohms.

☒ Directional antenna

----- Night ☐ Non-directional antenna: current --- amperes; resistance --- ohms.

☐ Directional antenna

10. Hours of operation: Specified in BS-4248

11. Conditions: - - -

8-23-93 -- MODIFICATION OF LICENSE TO REFLECT NEW OBSTRUCTION MARKING
AND LIGHTING REQUIREMENTS.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license,¹ the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 AM. Local Time

OCTOBER 1, 1996

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

The license is issued on the licensee's representation that the statements contained in the licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934, as amended.

DFB:y1

¹ This license consists of this page and pages

Dated:

AUG 27 1993

 FEDERAL
 COMMUNICATIONS
 COMMISSION


FCC Form 353-A

File NO. BS-930630

Call Sign: W W G Z, 1530 kHz

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two (2), vertical, guyed, series-excited steel radiators of uniform cross section. Theoretical RMS: 683.97 mV/m @ 1 km; Augmented RMS: 718.47 mV/m @ 1 km. Q = 22.4.

Height above Insulators: 55.2 m (101')

Overall Height: 56.4 m

Spacing and Orientation: Towers are spaced 90° apart on a line bearing 20° True.

Non-Directional Antenna: None Used

Ground System consists of 120 equally spaced, buried, copper radials about the base of each tower 49.1 m in length except where intersecting radials are shortened and bonded plus 120 interspersed radials 15.2 m in length.

2. THEORETICAL SPECIFICATIONS

	Tower	# 1(SW)	# 2(NE)
Phasing			
	Day	0°	-98°
Field Ratio:			
	Day	1.0	0.85

3. OPERATING SPECIFICATIONS

Phase Indication*:

Day	0°	-90°
-----	----	------

Antenna Base Current Ratio:

Day	1.0	0.885
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Antenna Monitor Sample Current Ratio:

Day	1.0	0.88
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* As Indicated by Potomac Instruments AM-19D (210) antenna Monitor.

Antenna sampling system approved under Section 73.68(b) rules.

The field strength in mV/m measured at the described monitoring points is not to exceed the following values:

176° T = 20 mV/m
200° T = 16.4 mV/m
224° T = 8.5 mV/m

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS

Direction of 176°. Leaving the southern driveway at the WDEY transmitter site turn right (south) onto Morris Road, go south a distance of 1.75 miles to Newark Road, cross Newark Road and continue south a distance of approximately 600 feet to an entrance into a field on the right (west) side on Morris Road. The measuring location is a distance of 30 feet to the west side of Morris Road in the field. This is point #9 on the 176° radial and is 1.85 miles from the center of the array. The field intensity should not exceed 20 mV/m.

Direction of 200°. Leaving the southern driveway at the WDEY transmitter site turn right (south) onto Morris Road, go south a distance of 1.75 miles to Newark Road, cross Newark Road and continue south one mile to Hunters Creek Road, turn right (west) and proceed one mile to Clark Road. Cross this intersection and continue west 0.2 mile to a point opposite a driveway to the gravel pit on the left (south) side of the road. The measuring point is 15 feet inside of the gate. This is point #10 on the 200° radial and is 3.0 miles from the center of the array. The field intensity measured at this point should not exceed 16.4 mV/m.

Direction of 224°. Leaving the southern driveway of WDEY transmitter site turn right (south) onto Morris Road, go south a distance of 1.75 miles to Newark Road, turn right (west) onto Newark Road and go west two miles to the intersection of Newark Road and State Route M-24, continue west a distance of approximately 500 feet to a point opposite the driveway of the Montessori Children's Center. The measuring location is 150 feet south into the field, on the extended centerline of the Montessori driveway. This is point #12 on the 224° radial and is 2.75 miles from the center of the array. The field intensity should not exceed 8.5 mV/m.

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BZ-901010AA

Call Sign : W W G Z

LICENSEE: Covenant Communications Corporation

1. Community of License: Lapeer, Michigan

2. Transmitter location: 1150 Morris Road
Lapeer, Michigan

North latitude: 43° 01' 35"
West longitude: 83° 17' 12"

6. Antenna and ground system: Attached

3. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's rules)

4. Main Studio location: (See Section 73.1125)
286 W. Nepessing Street
Lapeer, Michigan

5. Remote control location:
286 W. Nepessing Street
Lapeer, Michigan

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11 & 21

8. Frequency: 1530 kHz

9. Nominal power (kW): 5 Day Night

Antenna input power (kW):

5.4 Day ☐ Non-directional antenna: current 10 amperes; resistance 54 ohms.
☒ Directional antenna

..... Night ☐ Non-directional antenna: current amperes; resistance ohms.
☐ Directional antenna

10. Hours of operation: Specified in Previous Authorization

11. Conditions

12/13/90 - Superseded to correct type operation and call letters

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license,¹ the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time

October 1, 1996

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

The license is issued on the licensee's representation that the statements contained in the licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934, as amended.

¹ This license consists of this page and pages



MMB-208
FEBRUARY, 1984

C.P. FILE NO.

FILE NO. BZ-901010AA

SPECS. FOR DIRECTIONAL OPERATION OF WWGZ, Leeper, Michigan

FREQ: 1530 Hz **Nominal Power:** 5 kW - D

Antenna Input Power: 5.4 kW -D **Date:** 10-24-90

DA-D

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Two(2) uniform cross, guyed, series excited, vertical steel radiators. RMS Theo. 683.8 mV/m/km. Aug Std. 718.47 mV/m/km. *Q = 22.36*

718.65
Height above Insulators: 181' (101°)

Overall Height: 185'

Spacing and Orientation: 160.7' (90°) on a line bearing 20° T.

Non-Directional Antenna: None Used.

Ground System consists 120 - 160° equally spaced, buried radials plus 120 interspaced radials about the base of each tower. Intersecting radials shortened and bonded to transverse copper strap midway between towers.

2. **THEORETICAL SPECIFICATIONS**

	Tower Day	SW(#1)	NE(#2)
Phasing:		0°	-98°
Field Ratio:		1.0	0.85

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	0°	-90°
Antenna Base Current Ratio:	1.0	0.885
Antenna Monitor Sample Current Ratio:	1.0	0.88

* As indicated by Potomac Instruments AM-19 D (210) Antenna Monitor.
The field strength in mV/m measured at the described monitoring points is not to exceed the following values:

176° T = 20 mV/m
200° T = 16.4 mV/m
224° T = 8.5 m V/m

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS

Direction of 176°. Leaving the southern driveway at the WDEY transmitter site turn right (south) onto Morris Road, go south a distance of 1.75 miles to Newark Road, cross Newark Road and continue south a distance of approximately 600 feet to an entrance into a field on the right (west) side on Morris Road. The measuring location is a distance of 30 feet to the west side of Morris Road in the field. This is point #9 on the 176° radial and is 1.85 miles from the center of the array. The field intensity should not exceed 20 mV/m.

Direction of 200°. Leaving the southern driveway at the WDEY transmitter site turn right (south) onto Morris Road, go south a distance of 1.75 miles to Newark Road, cross Newark Road and continue south one mile to Hunters Creek Road, turn right (west) and proceed one mile to Clark Road. Cross this intersection and continue west 0.2 mile to a point opposite a driveway to the gravel pit on the left (south) side of the road. The measuring point is 15 feet inside of the gate. This is point #10 on the 200° radial and is 3.0 miles from the center of the array. The field intensity measured at this point should not exceed 16.4 mV/m.

Direction of 224°. Leaving the southern driveway of WDEY transmitter site turn right (south) onto Morris Road, go south a distance of 1.75 miles to Newark Road, turn right (west) onto Newark Road and go west two miles to the intersection of Newark Road and State Route M-24, continue west a distance of approximately 500 feet to a point opposite the driveway of the Montessori Children's Center. The measuring location is 150 feet south into the field, on the extended centerline of the Montessori driveway. This is point #12 on the 224° radial and is 2.75 miles from the center of the array. The field intensity should not exceed 8.5 mV/m.