

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BS-930819
FAC ID : 40078
Call Sign : W G H T

LICENSEE:

Mariana Broadcasting, Inc.

1. Community of License: Pompton Lakes, NJ

2. Transmitter location: Lincoln Avenue
Pompton Lakes, NJ

North latitude: 40 ° 58' 51"
West longitude: 74 ° 17' 06"

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)

5. Remote control location:

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: None required.

8. Frequency: 1500 kHz

9. Nominal power (kW): 1.0 Day --- Night

Antenna input power (kW):

1.08 Day

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Non-directional antenna:

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Directional antenna : current 4.58 amperes; resistance 51.5 ohms.

--- Night

☐

Non-directional antenna:

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Directional antenna : current --- amperes; resistance ---- ohms.

10. Hours of operation: Specified in (see attached)

11. Conditions

BS-930819: This license has been re-issued to reflect the correct hours of operation.

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
June 1, 1998

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.

MLB:htd

¹ This license consists of this page and pages 2,3,4 & 5

Dated:

NOV 08 1993

FEDERAL
COMMUNICATIONS
COMMISSION



***** MONTHLY LOCAL SUNRISE TIMES *****

JANUARY	7:15
FEBRUARY	7:00
MARCH	6:15
APRIL	5:15
MAY	4:45
JUNE	4:30
JULY	4:30
AUGUST	5:00
SEPTEMBER	5:30
OCTOBER	6:15
NOVEMBER	6:45
DECEMBER	7:15

***** MONTHLY LOCAL SUNSET TIMES *****

JANUARY	5:00
FEBRUARY	5:30
MARCH	6:00
APRIL	6:30
MAY	7:15
JUNE	7:30
JULY	7:30
AUGUST	7:00
SEPTEMBER	6:15
OCTOBER	5:15
NOVEMBER	4:45
DECEMBER	4:30

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1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three (3) uniform cross-section, guyed, series excited vertical steel radiators. Theoretical efficiency: 300.95 mV/ m/ kw at 1 km.

Height above Insulators: 48.77 m (87.8')

Overall Height: 51.21 m

Spacing and Orientation: Tower arranged in triangular configuration. From reference tower #2(S), #1(NE) tower is spaced 44.5 m (80°) on a line bearing 4° true, and #3(N) tower is spaced 47.24 m (85°) on a line bearing 358° true.

Non-Directional Antenna: None used.

Ground System consists of 120 equally spaced, buried copper radials at the use of each tower 56.08 m in length except where radials overlap between towers. Towers overlapping radials are shortened and bonded to transverse copper traps midway between towers.

2. THEORETICAL SPECIFICATIONS

Tower	# 1(NE)	# 2(S)	# 3(N)
Phasing:	-67°	0°	-176°
Field Ratio:	1.0	1.2	0.9

3. OPERATING SPECIFICATIONS

Phase Indication*:	-76°	0°	-177°
Antenna Base Current Ratio:	0.770	1.000	0.581
Antenna Monitor Sample Current Ratio:	0.760	1.000	0.549

* As indicated by Potomac Instruments AM-19 (204) antenna Monitor.

Antenna sampling system approved under Section 73.68(b) of the Rules.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 230° True North. From the station proceed north on Lincoln Avenue 0.15 miles to Poplar Avenue. Turn left on Poplar Avenue and continue 0.4 miles to Riverdale Boulevard. Turn right on Riverdale Boulevard and proceed 0.4 miles to Riverdale Road. Turn left on Riverdale Road and go 0.55 miles to the Newark Pompton Turnpike. Turn left on the Turnpike and proceed 0.1 miles to a traffic circle on New Jersey Route 23. Bear left on the circle and head south on Route 23 and Newark Pompton Turnpike proceeding 0.25 miles to Boulevard. Bear right onto the Boulevard and continue 0.85 miles to Hopper Avenue. Turn right onto Hopper and go 0.3 miles to West End Avenue. Turn left on West End Avenue and proceed 0.25 miles to Jocelyn Place. Turn left on Jocelyn Place and go one block to Sanders Place. Turn left on Sanders Place and continue to the Cul-de-sac. The measuring site is in the road at the north end of Sanders Place. The measuring site is 1.5 miles from the station. The field intensity measured at this point should not exceed 15.0 mv/m.

Direction of 220° True North. From the station proceed North on Lincoln Avenue 0.15 miles to Poplar Avenue. Turn left on Poplar Avenue and continue 0.4 miles to Riverdale Boulevard. Turn right on Riverdale Boulevard and proceed 0.4 miles to Riverdale Road. Turn left on Riverdale Road and go 0.55 miles to the Newark Pompton Turnpike. Turn left on the Turnpike and proceed 0.1 miles to a traffic circle on New Jersey Route 23. Bear left on the circle and head south on Route 23 and Newark Pompton Turnpike proceeding 0.25 miles to Boulevard. Bear right onto the Boulevard and continue 1.4 miles to Sunset Road. Turn right on Sunset Road and go 0.25 miles to church parking lot on the right (north) side of the street. The measuring site is at the right rear of the paved area of the parking lot. The measuring site is 1.67 miles from the station. The field intensity measured at this point should not exceed 12.5 mv/m.

Direction of 210° True North. From the station proceed North on Lincoln Avenue 0.15 miles to Poplar Avenue. Turn left on Poplar Avenue and continue 0.4 miles to Riverdale Boulevard. Turn right on Riverdale Boulevard and proceed 0.4 miles to Riverdale Road. Turn left on Riverdale Road and go 0.55 miles to the Newark Pompton Turnpike. Turn left on the Turnpike and proceed 0.1 miles to a traffic circle on New Jersey Route 23. Bear left on the circle and head south on Route 23 and Newark Pompton Turnpike proceeding 0.25 miles to Boulevard. Bear right onto the Boulevard and continue 1.4 miles to Sunset Road. Turn left on Sunset Road and go 0.1 mile to Atwood Street. The measuring site is in Atwood Street about 150 feet south of Sunset Road. The measuring site is 1.48 miles from the station. The field intensity measured at this point should not exceed 13.44 mv/m.

Direction of 90° True North. To reach this point from the station proceed North on Lincoln Avenue 0.3 miles to Dawes Highway. Turn right on Dawes Highway and go 0.3 miles to the Paterson Hamburg Turnpike. Turn right, Southeast, on the Paterson Hamburg Turnpike and go 1.25 miles to Pines Road. Make a sharp left onto Pines Road and go 0.15 miles to Tamarack Road. Turn right onto Tamarack Road and proceed 0.35 miles to Woodhaven Drive. Turn left onto Woodhaven Drive which feeds into Sycamore Terrace and continue 0.35 miles to the corner of Ridge Place. The measuring site in the entrance road to Pines Lake School 0.1 mile northwest of the Sycamore Terrace - Ridge Place corner. The measuring site is 1.3 miles from the station. The field intensity measured at this point should not exceed 78.5 mv/m.