

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BZ-970328AC

Call Sign : WRHD

LICENSEE:

Islandwide Broadcasting, L.P.

EXLID
EXLID 18238
243

- 1. Community of License. . . : Riverhead, New York
- 2. Transmitter location. : Flanders Road
Town of Southampton, NY
- 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)
72 West Main
Riverhead, NY
- 5. Remote control location
900 Walt Whitman
Melville, NY

North Latitude. : 40° 54' 48"
West Longitude : 72° 39' 16"

- 6. Antenna and ground system:
Attached

- 7. Antenna Registration Number(s): None Required

- 8. Frequency. : 1570 KHz

- 9. Nominal power (kW). : 1.0 Day 0.5 Night

Antenna input power (kW):
 1.08 Day Non-directional antenna: current 4.65 amperes: resistance 50.0 ohms.
 Directional antenna :
 0.54 Night Non-directional antenna: current 3.30 amperes: resistance 50.0 ohms.
 Directional antenna :

- 10. Hours of operation : Unlimited

- 11. Conditions. :

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
 Jun 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.
 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 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 2 & 3
Dated: JUL 8 1997

HKC FEDERAL COMMUNICATIONS COMMISSION



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1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Two (2) vertical, guyed, series-excited, steel radiators of uniform cross-section. FM antenna side mounted near top of the South (#2) tower. Theoretical RMS: 199.72 mV/m/km@1km Night.; 282.44 mV/m @ 1km Day. Augmented RMS: 210.04 mV/m/km @ 1km Night; 297.04 mV/m @ 1km day. Q factor : 7.3 Night; 10.76 Day.

Height above Insulators: 47.9 m (90°)

Overall Height: 48.8 m

Spacing and Orientation: Spaced 31.9 m (60°) between towers on a line bearing 305° True.

Non-Directional Antenna: N/A

Ground System consists of 120 equally spaced, buried, copper radials about the base of each tower 47.9 m in length except where intersecting radials are shortened and bonded.

2. **THEORETICAL SPECIFICATIONS**

Towers: #1(N) #2(S)

Phasing: Day & Night: 137.6° 0°

Field Ratio: Day & Night: 0.776 1.0

3. **OPERATING SPECIFICATIONS**

Phase Indication*:

Day & Night: 127° 0°

Antenna Base

Current Ratio:

Day: 0.853 1.000
Night: 0.791 1.000

Antenna Monitor Sample

Current Ratio:

Day: 0.830 1.000
Night: 0.83 1.000

* As indicated by Potomac Instruments AM-19 Antenna Monitor.
Antenna sampling system approved under Section 73.68 (b) of the Rules.

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DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
260	1.9	10.77
305	2.0	12.72