

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

BR-4410  
File No.: BZ-9755  
Call Sign: W R C N

FILED 18238

STANDARD BROADCAST STATION LICENSE

EAST SHORE BROADCASTING CORPORATION

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, <sup>1</sup>/<sub>the LICENSEE</sub>

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time June 1, 1981

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 1570 kHz.
2. With nominal power of - watts nighttime and 1 kilowatt daytime, with antenna input power of - watts - directional - resistance - ohms, antenna nighttime - watts - directional - resistance 4.65 amperes, and antenna input power of 1080 watts - directional - common point current resistance 50.0 ohms antenna daytime - - - - - common point resistance

3. Hours of operation: Daytime as follows:

Jan. 7:15am to 4:45pm;	Feb. 6:45am to 5:30pm;	Licensee shall be responsible for
Mar. 6:00am to 6:00pm;	Apr. 5:15am to 6:30pm;	installation of filter networks or
May 4:30am to 7:00pm;	June 4:15am to 7:30pm;	other equipment that may be necessary
July 4:30am to 7:15pm;	Aug. 5:00am to 6:45pm;	to eliminate any objectionable
Sep. 5:30am to 6:00pm;	Oct. 6:00am to 5:15pm;	problems of reradiation or cross
Nov. 6:30am to 4:30pm;	Dec. 7:15am to 4:30pm;	modulation with station WRIV.

Eastern Standard Time (non-advanced)

4. With the station located at: Riverhead, New York
5. With the main studio located at: 400' South of Flanders Road, 450' West of Flanders Theatre, Southampton, New York

6. Remote control point:
 

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

400' South of Flanders Road
450' West of Flanders Theatre
Southampton, New York

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: none required.

9. Transmitter(s): FCC Type Accepted

10. Conditions: In the event that spurious emissions resulting from operation of WHRF cause harmful interference to RCAC receiving operations at Riverhead, Long Island, New York, the Commission may, at its discretion, order a further restriction in hours of broadcast operation. By acceptance of this authorization, licensee expressly waives any rights to prior notice and hearing should adjustment or suspension of its broadcast operations become necessary and hearing should adjustment or suspension of its broadcast operations be necessary to comply with any decision of the Commission rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in 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 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. 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.

1/This license consists of this page and pages 2 & 3.

Dated: January 30, 1979

FEDERAL  
COMMUNICATIONS  
COMMISSION



File No.: BR-4410  
BZ- 9755

Call Sign: WRCN

Date: 1-30-79

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA- D

No. and Type of Elements: Two uniform cross section, guyed series excited steel towers. FM antenna side mounted near top of the South (#2) tower.

Height above Insulators: 157' (90°)

Overall Height: 160'

Spacing and Orientation: Spaced 104.66' (60°) between towers on a line bearing 305° true.

Non-Directional Antenna: None used.  
Ground System consists of 120-157' equally spaced buried copper radials at the base of each tower with intersecting radials bonded together midway between towers.

2. THEORETICAL SPECIFICATIONS

	<u>North (#1)</u>	<u>South (#2)</u>
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Phasing: 137.6° 0°

Field Ratio: 0.776 1.0

3. OPERATING SPECIFICATIONS

Phase Indication\*: 127° 0°

Antenna Base

Current Ratio\*: 0.92 1.00

Antenna Monitor

Sample Current Ratio: 0.94 1.00

\* As indicated by Potomatic Potomac Instruments AM-19(204) antenna monitor.

Field measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every seven days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 260° true North. From transmitter site proceed west on Flanders Road to the traffic circle, then onto Woodhull Avenue and proceed 0.4 mile to lighting pole #9, located in front of 65 Woodhull Avenue. Monitoring point is about 20 feet east of the pole in the center of the street. The field intensity measured at this point should not exceed 8.0 mV/m.

Direction of 305° true North. From transmitter site proceed west on Flanders Road to the traffic circle, then north on Peconic Avenue to Main Street, then east to Roanoke Avenue. North on Roanoke Avenue then west on Lincoln Avenue to Hallett Avenue intersection. Monitoring point is on southwest corner of Lincoln and Hallett. The field intensity measured at this point should not exceed 11.0 mV/m.