

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

MODIFICATION
STANDARD BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rule made thereunder, and further subject to conditions set forth in this license, the LICENSEE

MARDEL COMMUNICATIONS, INCORPORATED

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcast for the term ending 3 a.m. Local Time OCTOBER 1, 1988

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

1. On a frequency of 960 kHz
2. With nominal power of 5 kilo watts nighttime and 5 kilo watts daytime,
with antenna input power of 5400 watts - directional Common Point current 10.4 amper
antenna nighttime resistance 50 ohr
and antenna input power of 5400 watts - directional Common Point current 10.4 amper
antenna daytime resistance 50 ohr
3. Hours of operation: Unlimited Time.
Average hours of sunrise and sunset:
Jan. 7:15am to 5:00pm; Feb. 6:45am to 5:45pm
Mar. 6:15am to 6:15pm; Apr. 5:30am to 6:45pm
May 4:45am to 7:00pm; June 4:30am to 7:30pm
July 4:45am to 7:30pm; Aug. 5:15am to 7:00pm
Sep. 5:45am to 6:15pm; Oct. 6:15am to 5:30pm
Nov. 6:45am to 4:45pm; Dec. 7:15am to 4:45pm
EASTERN STANDARD TIME (NON-ADVANCED)
4. With the station located at: SALISBURY, MARYLAND
5. With the main studio located at: 1729 North Salisbury Blvd.
Salisbury, Maryland
6. Remote control point: 1729 North Salisbury Blvd.
Salisbury, Maryland
7. Transmitter location: North Latitude: 38° 25' 44"
West Longitude: 75° 37' 26"
1700' NE of West & Long Cabin Rds.
Salisbury, Maryland
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 11 & 21 & 22
9. Transmitter(s): Type Accepted
10. Conditions: -

The Commission reserves the right during said license period of terminating this license or making effective any changes 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.

This license is issued on the licensee's representation that the statements contained in licensee 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 this 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: June 30, 1983
WAP

FEDERAL
COMMUNICATIONS
COMMISSION



AUG 31 1983

[Handwritten initials]

File No.: BL 820916AR

Call Sign: WSBY

Date:

DA- 2

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Four triangular uniform cross section, guyed, series excited towers insulated at the base. Day: Theo. RMS - 433.8 mV/m, Standard RMS - 455.7 mV/m Night: Theo RMS - 450 mV/m Standard RMS - 472.8 mV/m.
 An STL dish is sidemounted on NC(#3) tower.

Height above Insulators: 256' (90°)

Overall Height: 263'

Spacing and Orientation: Spaced 110° apart on a line bearing 319° T.

Non-Directional Antenna: None used.

Ground System consists of 120-256' buried copper radials plus a 24' x 24' copper ground screen at base of each tower. Radials are shortened and bonded to copper strap midway between elements.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	SE(#1)	SC(#2)	NC(#3)	NW(#4)
Night		0°	149.22°	298.34°	84°
Day		0°	146.25°	222.5°	--

Field Ratio:

Night	1.000	1.915	1.479	0.451
Day	1.000	4.677	4.677	--

3. OPERATING SPECIFICATIONS

Phase Indication*:

Night	-153.5°	0°	147.5°	-75°
Day	-150°	0°	74.5°	--

Antenna Base

Current Ratio:

Night	0.500	1.00	0.700	0.254
NDay	0.234	1.00	0.554	-

Antenna Monitor Sample

Current Ratio:

Night	0.51	1.00	0.755	0.25
Day	0.225	1.00	0.560	-

*As indicated by Potomac Instrument AM-19(204) antenna monitor.

EXEMPTIONS AS LISTED IN SECTION 73.68 WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM

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 139° True North. From the WSBY transmitter Access Road, turn left and proceed south on West Road 0.4 miles to Log Cabin Road. Turn left on Log Cabin Road and proceed southeast approximately 1.3 miles. The monitoring point is on the northeast side of Log Cabin Road opposite a driveway between two white houses and is where the four towers are in line. The field intensity measured at this point should not exceed 350 mV/m, DAYTIME.

Direction of 303° True North. From the WSBY transmitter Access Road, turn right and proceed north on West Road 0.30 miles to Adkins Road. Turn left and proceed west 0.8 miles to Hickory Mill Road. Turn right and proceed north 0.4 miles. The monitoring point is located on the west side of Hickory Mill Road opposite a cedar tree. The field intensity measured at this point should not exceed 84.6 mV/m, DAYTIME.

Direction of 335° True North. From the WSBY transmitter Access Road, turn right and proceed north on West Road 0.3 miles to Adkins Road. Turn left and proceed west 0.8 miles to Hickory Mill Road. Turn right and proceed north approximately 1.6 miles to Waller Road. Turn right and proceed east 0.6 miles. The monitoring point is located on the south side of Waller Road adjacent to a small cemetery. The field intensity measured at this point should not exceed 60 mV/m, DAYTIME.

Direction of 28° True North. From the WSBY transmitter Access Road, turn right and proceed north on West Road 0.3 miles to Adkins Road. Turn right and proceed east approximately 0.8 miles to Jersey Road. Turn left and proceed north 1.7 miles to Line Road. Turn right on Line Road and proceed east 1.45 miles. The monitoring point is located on the north side of Line Road at the woodline. The field intensity measured at this point should not exceed 5.2 mV/m, NIGHTTIME.

Direction of 53° True North. From the WSBY transmitter Access Road, turn right and proceed north on West Road 0.3 miles to Adkins Road. Turn right and proceed east approximately 0.8 miles to Jersey Road. Turn left and proceed north 1.7 miles to Line Road. Turn right on Line Road, which changes to East State Street in Delmar, and proceed east 0.3 miles to 10th Street. Turn left and proceed north 0.3 miles to the monitoring point on North Ditchbank. The field intensity measured at this point should not exceed 5.1 mV/m, NIGHTTIME.

Direction of 225° True North. From the WSBY transmitter Access Road, turn left and proceed south on West Road 0.4 miles to Log Cabin Road. Turn right and proceed west 0.9 miles to White Lowe Road. Turn left on White Lowe Road and proceed south 0.85 miles. The monitoring point is located on the west side of White Lowe Road opposite the north entrance to the farm house. The field intensity measured at this point should not exceed 12.8 mV/m, NIGHTTIME.

Direction of 250° True North. From the WSBY transmitter Access Road, turn left and proceed south on West Road 0.4 miles to Log Cabin Road. Turn right and proceed west 0.9 miles to White Lowe Road. Turn left on White Lowe Road and proceed south 0.35 miles. The monitoring point is located on the west side of White Lowe Rd. approx. 75 ft. south of a drainage ditch running east-west on the east side of White Lowe Rd. The field intensity measured at this point should not exceed 22.4 mV/m, NIGHTTIME.