

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: **BL-14,451**

MODIFIED

Call Sign: **W K H G**

**STANDARD BROADCAST STATION LICENSE
MAIN AND AUXILIARY TRANSMITTERS**

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, ^{1/}the LICENSEE

COVE BROADCASTING COMPANY, INC.

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 **August 1, 1981**

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

- On a frequency of **1370** kHz.
- With nominal power of " watts nighttime and **5 kilo** watts daytime,
with antenna input power of " watts " directional [" " current " amperes
antenna nighttime [" " resistance **10** ohms,
and antenna input power of **5400** watts " directional [**common point** current " amperes
antenna daytime [**common point** resistance **54** ohms

- Hours of operation: **Daytime as follows:**

Jan. 7:30am to 5:15pm;	Feb. 7:15am to 5:45pm;
Mar. 6:30am to 6:15pm;	Apr. 5:30am to 6:45pm;
May 5:00am to 7:15pm;	June 4:45am to 7:45pm;
July 5:00am to 7:45pm;	Aug. 5:30am to 7:15pm;
Sep. 6:00am to 6:30pm;	Oct. 6:30am to 5:30pm;
Nov. 7:00am to 5:00pm;	Dec. 7:30am to 4:45pm;

Eastern Standard Time (non-advanced)

**AUXILIARY: 1 kilowatt Day
common point current 4.47 amperes
common point resistance 54 ohms
antenna input power 1080 watts**

- With the station located at: **Roaring Spring, Pennsylvania**
- With the main studio located at: **South Main Street, Extension, Roaring Spring, Pennsylvania**

- Remote control point: **40 19 26**
- Transmitter location: **South Main Street, Extension
Roaring Spring, Pennsylvania**
 North Latitude: **78° 23' 40"**
 West Longitude: **0 ' "**

- Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 11 & 21.**
- Transmitter(s): **OCA AM-5000D(Main) OCA AM-1000D(Auxiliary)**
- 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'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: **July 14, 1978**

FEDERAL
COMMUNICATIONS
COMMISSION



72
7-14-78
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BL-14,451

Call Sign: WKMC

Date: 7-14-78

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two uniform cross-section, guyed, series excited vertical towers. Theoretical RMS 450.05 MV/M; Standard RMS 472.76 MV/M.

DA- D.

Height above Insulators: 203' (102°)

Overall Height: 206'

Spacing and Orientation: Two towers spaced 179.5' (90°) between elements on a line bearing 18° true.

Non-Directional Antenna: None used.

Ground System consists of 120 evenly radials, 179.5 feet in length at the base of each tower, with overlapping radials foreshortened and bonded to copper strap. Certain radials slightly foreshortened at property boundary, plus 120-50' radials interspersed with longer radials about base of each tower.

2. THEORETICAL SPECIFICATIONS

	Tower	NE(#2)	SW(#1)
Phasing:	Day	-132	0
Field Ratio:	Day	0.53	1.0

3. OPERATING SPECIFICATIONS

Phase Indication*: Day -130° 0°

Antenna Base Current Ratio: Day 0.554 1.00

Antenna Monitor Sample Current Ratio: Day 0.55 1.00

As indicated by Potomac Instruments AM-19(204) antenna monitor.
"Section 73.114(A)(8) of the rules and any requirement for weekly monitoring point readings are waived during proper operation of approved sampling system: Provided, monitoring point readings are made at least once every thirty days".

Field measuring equipment shall be available at all times and the field strength 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 140.2° true North. From transmitter site, drive south on South Main Street 0.15 miles to "T" intersection. Turn left and proceed 0.75 miles across Highway 36 to another "T" intersection. Turn right and proceed 1.5 miles on Cove Lane, passing two "Y" intersections, to the right-angle road intersection. Turn right toward Ore Hill and proceed 0.2 miles to "Y" intersection on the left. Turn left and proceed 0.05 miles to driveway at Mingle mailbox. Monitoring point is at driveway entrance. The field intensity measured at this point should not exceed 61 mV/m.

Direction of 198° true North. From Monitoring Point No. 1, return north to "Y" intersection and continue west on road to Ore Hill, across Highway 36 and through Ore Hill, 2.9 miles to entrance to Iron Masters Country Club. Turn left and proceed 0.3 miles on driveway to parking lot before club house. Monitoring point is at edge of this parking lot. The field intensity measured at this point should not exceed 44 mV/m.

Direction of 255.8° true North. From Monitoring Point No. 2, return from Country Club to Ore Hill Road. Turn left and proceed 0.2 miles to Baker's Summit Road (Rte. 867). Turn right and proceed 2.6 miles to the road before Albright Church. Turn left and proceed 0.4 miles to "T" intersection at silos. Turn left and proceed 0.35 miles to road bend at ravine. Monitoring point is on road at ravine. The field intensity measured at this point should not exceed 115 mV/m.