

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: **BR-4322**

Call Sign: **W V O C**

**STANDARD BROADCAST STATION LICENSE**

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>the LICENSEE

**TELEVISION THIRTY-SIX, 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 **OCTOBER 1, 1979**

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

- On a frequency of **1500** kHz.
- With nominal power of -- watts nighttime and **1 kilo** watts daytime,  
with antenna input power of -- watts - directional  -- current - amperes  
antenna nighttime .....  -- resistance - ohms,  
and antenna input power of **1.08 kilo** watts - directional  **Common Point** current **4.24** amperes  
antenna daytime .....  **Common Point** resistance **60** ohms

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

Jan. 8:15am to 5:30pm;	Feb. 7:45am to 6:15pm;
Mar. 7:00am to 6:45pm;	Apr. 6:00am to 7:15pm;
May 5:15am to 8:00pm;	June 5:00am to 8:15pm;
July 5:15am to 8:15pm;	Aug. 5:45am to 7:45pm;
Sep. 6:15am to 6:45pm;	Oct. 7:00am to 6:00pm;
Nov. 7:30am to 5:15pm;	Dec. 8:00am to 5:15pm;

**Eastern Standard Time (Non-Advanced)**

- With the station located at: **Battle Creek, Michigan**
- With the main studio located at: **6 1/2 Mile Road, 0.15 mi. South of Golden Ave., Battle Creek, Michigan**

Remote control point:

Transmitter location: **6 1/2 Mile Road, North Latitude: 42° 17' 30" "**  
**0.15 mi. South of Golden Ave., West Longitude: 85° 10' 08" "**  
**Battle Creek, Michigan**

- Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 11 & 21**
- Transmitter(s): **GATES, BC-16**
- Conditions: **SEE PAGE 3**

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.

<sup>1/</sup>This license consists of this page and pages **2 & 3**

Dated: **October 18, 1976**  
**kjb**

FEDERAL  
COMMUNICATIONS  
COMMISSION



File No.: BR-4322

Call Sign: W V O C

Date: 10-18-76

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA-D

No. and Type of Elements: Four guyed, uniform cross-section vertical steel radiators arranged in the form of a rectangular parallelogram. The active SE(#1) & SW(#3) towers are series-excited. The inactive NW(#2) & NW(#4) towers are series-detuned.

Height above Insulators: 180' (99°)

Overall Height: 183'

Spacing and Orientation: The active towers are spaced 328' (180°) on a line bearing 92° true.

Non-Directional Antenna: None used.

Ground System consists of 120-110" to 340' equally spaced, buried, copper radials about the base of each tower. The radials are shortened and bonded to transverse copper strap midway between towers.

2. THEORETICAL SPECIFICATIONS

	Tower	SE(#1)	NE(#2)	SW(#3)	NW(#4)
Phasing:	Day	0°	---	-12°	
Field Ratio:	Day	1.0		0.8	

OPERATING SPECIFICATIONS

Phase Indication\*: Day 0° -14.5°

Antenna Base  
 Current Ratio: Day 1.0 0.98

Antenna Monitor  
 Sample Current Ratio: Day 1.0 0.93

\*As indicated by 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 THE FIELD INTENSITY AT MONITORING POINTS:

Direction of  $71^{\circ}$  True North. From station drive turn right and proceed 0.15 mile to "G" Drive North (also known as Golden Avenue). Turn right on "G" Drive North and proceed 0.23 mile to Beadle Lake Rd. Cross Beadle Lake Road and continue on "G" Drive North 1.9 miles to East River Road. Turn left on East River Rd. and proceed 0.40 mile. Point is in middle road 15 feet south of notched stump in line with pink house on hill. The field intensity measured at this point should not exceed 5.5 mv/m.

Direction of  $92^{\circ}$  True North. From station drive turn right and proceed 0.15 mile to "G" Drive North (also known as Golden Avenue). Turn right on "G" Drive North and proceed 0.23 mile to Beadle Lake Road. Cross Beadle Lake Road and continue on "G" Drive North 2.8 miles to metal truss bridge. Proceed across bridge an additional 0.12 mile to intersection of gravel road and "G" Drive North. Point is 10 feet west of stop sign on gravel road. The field intensity measured at this point should not exceed 3.3 mv/m.

Direction of  $272^{\circ}$  True North. From station drive turn right and proceed 0.15 mile to "G" Drive North (also known as Golden Avenue). Turn right on "G" Drive North and proceed 0.23 miles to Beadle Lake Road. Turn left on Beadle Lake Road and proceed 0.47 mile to Columbia Avenue. Turn left on Columbia Ave. and proceed 3.1 miles to 28th Street. Turn left on South 28th Street and proceed 0.35 mile south to house number 455. Point is in athletic field opposite house, 100 feet from west edge of road, in line with the west leg of the Lakeview water tower. The field intensity measured at this point should not exceed 5.3 mv/m.

Direction of  $312^{\circ}$  True North. From station drive turn right and proceed 0.15 mile to "G" Drive North (also known as Golden Avenue). Turn right on "G" Drive North and proceed 0.23 mile to Beadle Lake Road. Turn left on Beadle Lake Road and proceed 0.47 mile to Columbia Avenue. Turn left on Columbia Avenue and proceed 2.6 mile to South 20th Street. Turn right on South 20th Street and proceed 1.5 miles to Dickman Road. Turn right on Dickman Road and proceed 0.35 miles to drive on P & M construction company. Point is at "V" of V-drive in parking lot. The field intensity measured at this point should not exceed 19.5 mv/m.

THE AUTHORITY GRANTED HEREIN IS SUBJECT TO THE FOLLOWING CONDITION:

Licensee shall assume responsibility for the installation and maintenance of any filter circuits, traps or any other equipments which may be necessary to prevent cross-modulation, re-radiation, or other spurious emission which may be caused by the proximity of the proposed operation with that of station WBCK.