

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
MODIFIED

File No.: **BS-4491**

Call Sign: **WTTI**

FacID: **53957**

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

WTTI BROADCASTERS, 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 **April 1, 1979**

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

1. On a frequency of **1530** kHz. **(CH)**
2. With nominal power of **10 kilo** watts nighttime and **10 kilo** watts daytime,
with antenna input power of **10.5 kilo** watts - directional

common point	current 14.1	amperes
common point	resistance 53	ohms,
common point	current 14.1	amperes
common point	resistance 53	ohms
3. Hours of operation: **Daytime (See page 1a)**

AUXILIARY 1 kilowatt Daytime
common point current 4.5 amperes
antenna input power 1080 watts

4. With the station located at: **Dalton, Georgia**
5. With the main studio located at: **State Road 201, near Westside School, Dalton, Georgia**
6. Remote control point:
7. Transmitter location:
State Road 201
near Westside School
Dalton, Georgia
North Latitude: **34° 47' 09"**
West Longitude: **85° 02' 40"**
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **none required**
9. Transmitter(s): **GATES BC-10PS(Main) COLLINS 20-K(Auxiliary)**
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'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 **1a, 2 & 3.**

Dated: **October 26, 1976**

FEDERAL
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Power and Time of Operation:

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>
Sign on Sunrise (CH) Pattern	7:45am	7:30am	6:45am	6:15am	5:30am	5:30am
Change to Daytime Pattern	9:45am	9:30am	8:45am	8:15am	7:30am	7:30am
Change to (CH) Patter	3:45pm	4:30pm	4:45pm	5:15pm	5:30pm	6:00pm
Sign Off Sunset	5:45pm	6:30pm	6:45pm	7:15pm	7:30pm	8:00pm
	<u>July</u>	<u>Aug.</u>	<u>Sep.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Sign on Sunrise (CH) Pattern	5:30am	6:00am	6:15am	6:45am	7:15am	7:45am
Change to Daytime Pattern	7:30am	8:00am	8:15am	8:45am	9:15am	9:45am
Change to (CH) Pattern	6:00pm	5:30pm	4:45pm	4:00pm	3:30pm	3:30pm
Sign Off Sunset	8:00pm	7:30pm	6:45pm	6:00pm	5:30pm	5:30pm
Eastern Standard Time (non-advanced)						

File No. 4491

Call Sign

Lat. Long.

1. DESCRIPTION OF THE ANTENNA SYSTEM
Name of Station
Antenna System

Height above Insulators: 161' (90°)

Overall Height: 166'

Spacing and Orientation: 107.2' (60°) on a line bearing 355° true.

Non-Directional Antenna:

Ground System consists of 120-160' equally spaced buried, copper radials about each tower. Radials are shortened and bonded to transverse copper strap midway between towers.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	S (#1)	N (#2)
	Day (CH)	0°	125°
	Day	0°	150°
Field Ratio:	Day (CH)	1.0	0.95
	Day	1.0	0.68

3. OPERATING SPECIFICATIONS

Phase Indication*:	Day (CH)	0°	120°
	Day	0°	141.5°

Antenna Base	Day (CH)	0.89	1.00
Current Ratio:	Day	0.67	1.00

Antenna Monitor	Day (CH)	0.938	1.00
Sample Current Ratio:	Day	0.700	1.00

*As indicated by Potomac AM-19D (210) 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 18° true North. Proceed from array to Highway 201, turn north and proceed 1.05 miles to road on right. Turn right 0.1 mile to road on right leading south. Monitoring point is located on east side of road 200' from intersection. Distance from array is 1.23 miles. The field intensity measured at this point should not exceed 8 mv/a Daytime (CH).

Direction of 55° true North. Proceed from array to Highway 201, turn north and proceed 1.05 miles to intersection, turn right on Highway 41 and go 1.2 miles to intersection. Turn left on Willow Dale Road and proceed 0.35 mile to intersection. Turn left and proceed 0.35 mile to monitoring point in middle of road. The field intensity measured at this point should not exceed 15 mv/a DAYTIME.

Direction of 355° true North. Proceed from array to Highway 201, turn north and proceed 1 mile to intersection on left. Turn west and go 0.55 mile to monitoring point located on north side of road. The field intensity measured at this point should not exceed 9.4 mv/a DAYTIME (CH); 106 mv/a DAYTIME.