

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BZ-861106AD

Call Sign: WSPD

AM BROADCAST STATION LICENSE

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

TOLEDO BROADCASTING, 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, 1989 in accordance with the following:

1. Station location: Toledo, Ohio

2. Main Studio location: 125 S. Superior Street
(Listed only if not at transmitter site or not within boundaries of principal community)
Toledo, OH

3. Remote control location: 125 S. Superior Street
Toledo, OH

4. Transmitter location: 30950 Oregon Rd
Perrysburg, Ohio

North latitude : 41 ° 36 ' 03 "
West longitude: 83 ° 32 ' 11 "

5. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.)

6. Antenna and ground system: Attached

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: 1, 3, 12 & 21.

8. Frequency (kHz): 1370

9. Nominal power (kW): 5.0 Day
5.0 Night

Antenna input power (kW): 5.0 Day

Non-directional antenna: current 7.0 amperes; resistance 102 ohms.
 Directional antenna : current _____ amperes; resistance _____ ohms.

5.4 Night

Non-directional antenna: current _____ amperes; resistance _____ ohms.
 Directional antenna : current 10.4 amperes; resistance 50.0 ohms.

10. Hours of operation: Specified in ~~construction permit~~ License BS-303)

11. Conditions: - -

THIS SUPERSEDES AUTHORIZATION AS OF SAME DATE TO CORRECT REMOTE CONTROL LOCATION AND TOWER SPACING.

The Commission reserves the right during said license period of terminating this license or making effective any change 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 in. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. 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, as amended.



JUN 24 1987

Dated: JUN 18 1987

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UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BS-303

MODIFIED
STANDARD BROADCAST STATION LICENSE
ALTERNATE TRANSMITTERS

Call Sign: W S P D

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

STORER BROADCASTING COMPANY

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 **1370** kHz.
- With nominal power of **5 kilo** watts nighttime and **5 kilo** watts daytime,
with antenna input power of **5.4 kilo** watts --- directional
antenna nighttime
and antenna input power of **5 kilo** watts non directional
antenna daytime

Common Point	current	10.2	amperes
Common Point	resistance	52	ohms,
Antenna	current	6.75	amperes
Antenna	resistance	109.7	ohms

- Hours of operation: **Unlimited Time.**
Average hours of sunrise and sunset:
Jan. 8:00 am to 5:30 pm; Feb. 7:30 am to 6:00 pm;
Mar. 6:45 am to 6:45 pm; Apr. 6:00 am to 7:15 pm;
May 5:15 am to 7:45 pm; June 5:00 am to 8:15 pm;
July 5:15 am to 8:15 pm; Aug. 5:45 am to 7:30 pm;
Sep. 6:15 am to 6:45 pm; Oct. 6:45 am to 6:00 pm;
Nov. 7:30 am to 5:15 pm; Dec. 8:00 am to 5:00 pm;
Eastern Standard Time (Non-Advanced).

- With the station located at: **Toledo, Ohio**
- With the main studio located at: **125 S. Superior Street, Toledo, Ohio**
- Remote control point: **1701 North Stadium Road, Oregon City, Ohio (WSPD-TV transmitter site).**
- Transmitter location:
RD #3
Perrysburg, Ohio
North Latitude: **41° 36' 03"**
West Longitude: **83° 32' 11"**

- Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 12 & 21.**
- Transmitter(s): **CONTINENTAL, 315-B - RCA, BTA-5U1**
- 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.**



File NO.: BZ-861106AD

Call Sign: WSPD

Date:

DA- N

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three self-supporting, series-excited, vertical radiators.
Theo. RMS: 630.86 mV/m @ 1 km; Aug RMS: 671.03 mV/m @ 1 km; Q Factor: 22.4 mV/m.

Height above Insulators: 65.3 m (107.4°)

Overall Height: 67.4 m

Spacing and Orientation: Tower #1 to Tower #2, 111.71m (183°), on a line bearing 64.33° True.

Tower #1 to Tower #3, 173.8m(285°), on a line bearing 122° T.

Non-Directional Antenna: Tower #1. Theoretical efficiency is 317.04 mV/m/kw @ 1 km.

Ground System consists of 120-91.5m buried copper radials equally spaced about the each tower, 35 intercepting radials connected. In addition a 7.3 m x 7.3 m copper mesh screen at the base of each tower.

2. THEORETICAL SPECIFICATIONS

Phasing:	<u>West (#1)</u>	<u>North (#2)</u>	<u>South (#3)</u>
	0°	-13°	80°

Field Ratio:	1.0	0.86	0.68
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3. OPERATING SPECIFICATIONS

Phase Indication*:	0°	-5.5°	122°
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Antenna Base Current Ratio:	1.0	0.9917	0.281
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Antenna Monitor Sample Current Ratio:	1.00	0.98	0.27
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* As indicated by Potomac Instruments AM-19(204) Antenna Monitor.

ANTENNA SAMPLING SYSTEM APPROVED UNDER SECTION 73.68(b) OF THE RULES.

WSPD

BZ-861106AD

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 77.5 degree true North. From the WSPD driveway proceed north on Oregon Road 0.57 mile and turn right on Wales Road. Drive 1.4 miles on Wales Road across two sets of railroad tracks and around the bend in the road to the southeast. The exact location of the monitoring point is in the middle of Wales Road and a creek crossing which is 0.36 miles southeast from the bend in Wales Road. The distance to the point is 1.21 miles. The field intensity measured at this point should not exceed 120.5 mV/m.

Direction of 195.5 degree true North. From the WSPD driveway proceed south on Oregon Road 3.9 miles and turn right on Latcha Road. Drive 1.0 mile on Latcha Road and turn left on Glenwood Road. The exact location of the monitoring point is on the west edge of Glenwood Road 100 feet south of Latcha Road. The distance to the point is 4.1 miles. The field intensity measured at this point should not exceed 24.4 mV/m.

Direction of 227.5 degree true North. From the WSPD driveway proceed south on Oregon Road 2.55 miles and turn right on Indiana Road (State Highway No. 795). Drive 4.43 miles on Indiana Road and turn left on Maple Street, Perrysburg, Ohio. Proceed 0.92 mile on Maple Street to house number 1050 on the right. The exact location of the monitoring point is in the middle of Maple Street in line with the center of the drive to house number 1050 Maple Street. The distance to the point is 5.38 miles. The field intensity measured at this point should not exceed 41.6 mV/m.

Direction of 258.5 degree true North. From the WSPD driveway proceed north on Oregon Road 0.57 mile and turn left on Wales Road. Drive 1.3 miles on Wales Road and turn left on Glenwood Road. Proceed south on Glenwood Road 0.15 mile and turn right on Schrier Road. Proceed west on Schrier Road 0.64 mile and turn left on Island View Drive. Proceed south on Island View Drive 0.05 mile to house number 41 on the right. The exact location of the monitoring point is on the east side of Island View Drive and in line with the center of the drive to 41 Island View Drive. The distance to the point is 1.75 miles. The field intensity measured at this point should not exceed 71 mV/m.