

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-841123AD

Call Sign:WCNS

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,¹ the LICENSEE

ADVANCE COMMUNICATIONS CORPORATION

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, 1991 in accordance with the following:

1. Station location: Latrobe, PA
2. Main Studio location: (Listed only if not at transmitter site or not within boundaries of principal community)
3. Remote control location: 317 Depot Street Latrobe, PA
4. Transmitter location: Dirt road 2 mi. South of Latrobe, Latrobe, PA North latitude : 40 ° 16 ' 12 " West longitude: 79 ° 23 ' 13 "
5. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.)
6. Antenna and ground system: See page 2 attached
7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: 1, 3, 11 & 21.
8. Frequency (kHz.): 1480
9. Nominal power (kW): 0.5 Day 1 Night
- Antenna input power (kW): 0.5 Day 1.08 Night
- ☒ Non-directional antenna: current 3.63 amperes; resistance 38 ohms.
- ☐ Directional antenna : current _____ amperes; resistance _____ ohms.
- ☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
- ☒ Directional antenna : current 4.65 amperes; resistance 50 ohms.
10. Hours of operation: Specified in ~~construction permit~~ BP-820812AA
11. Conditions: - -

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 herein. 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.

¹ This license consists of this page and pages 2 & 3

Dated: SEP 26 1985 ajs

FEDERAL
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COMMISSION



SEP 26 1985

File NO.: BL-841123AC

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Date: 

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1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Four(4), guyed, cross section steel towers. Theoretical
RMS: 189.52 mV/m 1 mi, 305 mV/m 1 km standard RMS: 199.3 mV/m 1 mi, 320.7 mV/m 1 km.

Height above Insulators: 148 ft. (0°) 

Overall Height: 152 ft.

Spacing and Orientation: Adjacent towers are 166 ft (90°) apart on a line bearing
5° T N.

Non-Directional Antenna: Daytime

Ground System consists of 120-166' equally spaced, buried, copper radials about the base of each tower. Intersecting radials shortened and bonded to tranverse copper strap midway between towers. In addition a 24' x 24' copper ground screen installed about base of each tower.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	SW(#1)	SWC(#2)	NWC(#3)	NW(#4)
	Night:	0°	199.6°	44.3°	250.2°
Field Ratio:	Night:	1	2.218	2.056	0.85

3. OPERATING SPECIFICATIONS

Phase Indication*:

Night:	170.8°	0°	199°	28.2°
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Antenna Base	Night:	0.421	1.00	1.008	0.487
Current Ratio:					

Antenna Monitor Sample

Current Ratio:	Night:	0.418	1.00	1.015	0.488
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* As indicated by Potomac Instruments AM-19(204) antenna monitor

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES 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 appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 80° true North. Begin at the parking lot of the Super Dollar super-market, located on the northeast corner of the intersection of Route 981 and 30, an easily found and permanent landmark. Travel 1.2 miles east on Route 30 to cloverleaf intersection with Route 982. Turn south and go .5 miles to stoplight in center of Youngstown PA. Turn east. There is a fork in the road 0.1 miles up hill from Youngstown stoplight. Take right branch, which is Ridge Road. Go 1.15 miles to dirt lane on left. Lane is blocked off by rusted steel cable. Walk up lane 20 feet past cable to prominent path to left. Path runs parallel to road. Walk 50 feet down path. Monitor point is at intersection of path and a line perpendicular to it, drawn through the J. Greenwalt mailbox. The field intensity measured at this point should not exceed 6.0 mV/m.

Direction of 106.5° true North. Begin at the parking lot of the Super Dollar super-market located on the northeast corner of the intersection of Route 981 and 30, an easily found and permanent landmark. Travel 1.2 miles east on Route 30 to cloverleaf intersection with Route 982. Turn east. There is a fork in the road 0.1 miles up hill from Youngstown stoplight. Take right branch, which is Ridge Road. Go 0.45 miles to narrow angle fork to right. Take right fork, which is Solomon Temple Road. Solomon Temple road is essentially straight, but initially heavily wooded on both sides and has few distinguishing landmarks. Proceed 1.6 miles from fork on Solomon Temple Road to easily distinguishable hard right curve. Continue 0.25 miles past bend to repair shop on left. Shop is in gray building the shape of a barn. There is a large open field and then a dirt road to the left after the shop. Monitor point is in the field halfway between the shop and the dirt road, and 75 ft from road. The field intensity measured at this point should not exceed 2.83 mV/m.

Direction of 149° true North. Begin at the parking lot of the Super Dollar Supermarket, located on the northeast corner of the intersection of routes 981 and 30, and easily found and permanent landmark. Travel 1.2 miles east on Route 30 to cloverleaf intersection with Route 982. Turn south. Go 1.65 miles to Stop sign at three-way intersection with laundromat on left. Turn left on paved road after laundromat. Go 2.95 miles to paved road to right. Make turn and proceed 0.1 miles to fork. Take right branch and proceed 0.4 miles past stone house to hard left bend. Follow around bend and go 250 feet to fence line on right perpendicular to road. Walk 100 feet into field on left side of road. Monitor point is in line with fence line on other side of road. The field intensity measured at this point should not exceed 3.0 mV/m.

BZ-841123AD

W C N S

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 221° true North. Begin at the parking lot of the Super Dollar supermarket located on the northeast corner of the intersection of Route 981 and 30, and easily found and permanent landmark. Go south 4.6 miles on Route 981 to "T" - intersection at Pleasant Unity. Note That Route 981 turns right and does not go straight at intersection 0.9 miles from starting point. Turn left (southeast) on Route 130 and go 1.35 miles to Lycippus. Turn left (northeast) on Route 982 and go 0.3 miles to intersection with paved road to left and dirt road to right. Turn left and go 0.3 miles to fence line on left perpendicular to road. Barn and farm buildings are visible ahead. Staying on left side of fence line, walk approximately 75 feet away from road. Monitor point is 15 feet from fence and across from lone stand of trees in pasture on other side of fence. The field intensity measured at this point should not exceed 8.8 mV/m.

Direction 263.5° true North. Begin at the parking lot of the Super Dollar supermarket, located on the northeast corner of the intersection of Route 981 and 30, and easily found and permanent landmark. Go west 1.15 miles on Route 30 to St. Xavier Academy. Turn left (south) on paved road 40 feet past St. Xavier entrance. Go 2.7 miles on this paved road to 4-way intersection where right intersecting road approaches from an acute angle over right shoulder. Make acute right turn on this road and go 0.2 miles to hard left bend. Monitor Point is 30 feet into field on outside of curve and on line bisecting angle of curve. The field intensity measured at this point should not exceed 5.35 mV/m.