FCC Form 352
June 1984

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-841018AF

Call Sign: KYJC

FacID 19557

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

MATTHIAS ENTERPRISES

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 Feb. 1, 1991 in accordance with the following:

1. Station location: Medford, OR

2. Main Studio location: (Listed only if not at transmitter site or not within boundaries of principal community)

3. Remote control location: 1840 Barnett Rd. Medford, OR

4. Transmitter location: 6245 Dry Creek Rd. Eagle Point, OR

North latitude: 42° 23′ 15″
West longitude: 122° 46′ 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: See attached 353-A

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: 1,3, 12, 21 & 22.

8. Frequency (kHz.): 610

9. Nominal power (kW): 5 Day
5 Night

Antenna input power (kW): 5.40 Day

☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
☒ Directional antenna : current 10.4 amperes; resistance 50 ohms.

5.40 Night

☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
☒ Directional antenna : current 10.4 amperes; resistance 50 ohms.

10. Hours of operation: Specified in construction permit (BP -831229AH
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.

JAN 23 1985

[1] This license consists of this page and pages 2, 3

Dated: JAN 17 1985

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FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A
June 1980

File NO.: BL-841010AF Call Sign: KYJC Date:

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM DA-2

No. and Type of Elements: Three (3) uniform cross-section, guyed, base insulated, series excited towers. Theoretical RMS: 444.4 MV/m, night; 303.9 mV/m, day, Standard RMS: 467.4 mV/m, night; 319.3 mV/m, day. AM STL Antenna is sidemounted at 240' level on C(#2) tower.

Height above Insulators: 325 ft (72.6°

Overall Height: 328 ft.

Spacing and Orientation: Three in line towers spaced 403.1 ft (90°) between tower and oriented on a line bearing 291° T.

Non-Directional Antenna:

Ground System consists of 120-400' buried copper radials plus a 38'x38' ground screen about base of each tower. Radials and shortened and bonded to copper strap midway between elements.

2. THEORETICAL SPECIFICATIONS

	Tower	SE(#1)	C(#2)	NW(#3)
Phasing:	Night	141.7	0	-140.5
	Day	—	0	-130°
Field Ratio:	Night	0.58	1	0.46
	Day	—	1.0	0.68

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	140.5°	0°	-144.5°
	Day	-	0°	-124°
Antenna Base Current Ratio:	Night	0.547	1.00	0.435
	Day	-	1.00	0.684
Antenna Monitor Sample Current Ratio:	Night	0.56	1.00	0.44
	Day	-	1.00	0.695

* 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, after commencement of operation, 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 37° True North. From transmitter, travel east on Dry Creek Road .2 miles, turn left headed north 2.2 miles to intersection of Dry Creek and Antelope Road. Turn right on Antelope Road and travel 1.1 miles south. Point is on west side of road across from 3137 Antelope Road. Find washer nailed on white line. The field intensity measured at this point should not exceed 52 mV/m, NIGHTTIME.

Direction of 55° True North. From transmitter, travel east on Dry Creek Road .2 miles and turn left. Head north 2.2 miles to the intersection of Antelope and Dry Creek Road. Turn left and go north for .5 miles and road changes to Meridan Road. Continue north 1.1 miles to State Highway 140. Turn right and travel east on Highway 140 for 5.4 miles. Point is on north side of road near a barn and water reservoir. The field intensity measured at this point should not exceed 15.2 mV/m, DAYTIME & 6.9 mV/m, NIGHTTIME.

Direction of 111° True North. From transmitter, travel east on Dry Creek Road .2 miles, turn left headed north 2.2 miles to intersection of Dry Creek and Antelope Road. Turn right on Antelope Road and travel 4.1 miles south. Point is east side of road across from United Telephone metal cable post. The field intensity measured at this point should not exceed 81 mV/m, DAYTIME.

Direction of 167° True North. From transmitter, travel east on Dry Creek Road .2 miles. Turn left heading north 2.2 miles to Antelope Road intersection. Left on Antelope Road .5 miles and road name changes to Meridian Road, continue north 1.1 miles to Highway 140. Turn left and travel west 5.1 miles to Highway 62. Head south 5.6 miles to Interstate 5. South on I-5, 2.6 miles to the Barnett Road exit. East on Barnett Road 2.4 miles to Old Phoenix Road. Turn left and travel north 1.0 miles to Hillcrest Road. Turn right and go east 2.0 to intersection of Cherry Lane and Hillcrest Road. Continue east from Cherry Lane 2.5 miles to the Kaufman and Cross Ranch sign. Point is next to "NO HUNTING" sign nailed to oak tree. The field intensity measured at this point should not exceed 19.8 mV/m, DAYTIME & 8.3 mV/m, NIGHTTIME.

Direction of 185° True North. From transmitter, travel east on Dry Creek Road .2 miles. Turn left heading north 2.2 miles to Antelope Road intersection. Left on Antelope Road .5 miles and name changes to Meridian Road. Continue north 1.1 miles to Highway 140. Turn left and travel west 5.1 miles to Highway 62. Proceed south 5.6 miles to Interstate 5. South 2.6 miles to Barnett Road Exit. East on Barnett Road 2.4 miles to Old Phoenix Road. Turn left and travel north 1.0 miles to Hillcrest Road. Turn right and travel 2.0 miles to intersection of Hillcrest and Cherry Lane. Point is .4 miles past Cherry Lane on north side of road opposite "NO TRESPASSING" sign on fence. The field intensity measured at this point should not exceed 3.3 mV/m, NIGHTTIME.