

AM BROADCAST STATION LICENSE

Call Sign : K O M O

LICENSEE:

**MAIN TRANSMITTER**  
FISHER BROADCASTING, INC.

1. Community of License. . . : Seattle, WA
2. Transmitter location. .... : 1.5 miles Northeast of  
Vashon, WA

North Latitude. .... : 47° 27' 49"  
West Longitude ..... : 122° 26' 27"

6. Antenna and ground system:

SEE ATTACHED.

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

4. Main Studio Location: (See Section 73.1125)  
100 Fourth Avenue North  
Seattle, WA

5. Remote control location  
100 Fourth Avenue North  
Seattle, WA

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 4, 13 and 21.

8. Frequency. .... : 1000 kHz

9. Nominal power (kW). .... : 50 Day 50 Night

Antenna input power (kW) :

50 Day ☒ Non-directional antenna: current 13.57 amperes: resistance 271.6 ohms.  
☐ Directional antenna :

52.6 Night ☐ Non-directional antenna: current 32.45 amperes: resistance 50 ohms.  
☒ Directional antenna :

10. Hours of operation : Unlimited.

11. Conditions. .... :

11-28-95: This supersedes authorization as of same date to correct the  
Operating Specifications and monitor point descriptions and values.

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,<sup>1</sup> the LICENSEE is hereby authorized to use and operate the radio transmitting  
apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time

February 1, 1998

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.

The license is issued on the licensee's representation that the statements contained in the 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 the 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 control by the Government of the United States conferred by section 606 of the Communications Act of 1934, as amended.

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

Dated: October 12, 1995

FEDERAL  
COMMUNICATIONS  
COMMISSION



FCC Form 353-A

File No. BL-950830AB

Call Sign KOMO (AM)

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

**No. and Type of Elements:** Three (3) vertical, guyed, series-excited steel radiators of uniform cross section. Nighttime Theoretical RMS: 2674.57 mV/m at 1 km; Augmented RMS: 3019.70 mV/m at 1 km.

	#1 (C)	#2 (N)	#3 (S)
<b>Height above Insulators:</b>	149.3 m (180°)	153.3m (184°)	141.1m(170°)

<b>Overall Height:</b>	151.5 m	155.5 m	143.3 m
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**Spacing and Orientation:** From the reference point, Tower #1 (C) is oriented 70° True and spaced 10.5° , Tower #2 (N) is oriented 10° True and spaced 105°, and Tower #3 (S) is oriented 190° True and spaced 105°.

**Non-Directional Antenna:** Tower #1 (C) is used daytime; Theoretical Efficiency: 381.41 mV/m/kW at 1 km.

**Ground System** consists of 120 equally spaced, buried, copper radials about the base of each tower 149.4 m in length except where intersecting radials are shortened and bonded and alternate radials are terminated by copper clad ground rods, plus a 14.6 m by 14.6 m ground screen about the base of each tower.

2. THEORETICAL SPECIFICATIONS

Tower	#1 (C)	#2 (N)	#3 (S)
<b>Phasing:</b>	163.7°	0°	0°
<b>Field Ratio:</b>	1.0	0.56	0.56

3. OPERATING SPECIFICATIONS

<b>Phase Indication*:</b>	0°	-162.8°	176.1°
<b>Antenna Base Current Ratio:</b>	1.0	0.791	0.370
<b>Antenna Monitor Sample Current Ratio:</b>	1.0	0.616	0.535

\* As indicated by Potomac Instruments 1901 Antenna Monitor.

Antenna sampling system approved under Section 73.68(b) rules.

**DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:**

**Direction of 80° True North.** Starting from downtown Seattle, proceed south on First Avenue South to Highway 509. Continue south on Highway 509 to the SW 146th Street exit. Proceed west on SW 146th to First Avenue South. Proceed north on First Avenue South to SW 143rd. Proceed west on SW 143rd, past 6th Avenue SW into the parking lot at Chelsea Park Assembly Church. Monitor Point No. 1 is 50 feet west of the chain link fence and 35 feet south of the board fence near the northeast corner of the church yard. This point is 7.6 kilometers (4.7 miles) from the antenna system. The field intensity measured at this point should not exceed 45.19 mV/m.

**Direction of 92.5° True North.** Starting from Monitor Point No. 1, proceed east on SW 143rd Street to First Avenue South. Proceed south on First Avenue South to the parking lot northeast of the intersection of First Avenue South and SW 160th Street and turn left into the parking lot. Monitor Point No. 2 is located near the center of parking lot in front of the Payless Drug Store at the storm drain grate. This point is 8.2 kilometers (5.1 miles) from the antenna system. The field intensity measured at this point should not exceed 51.26 mV/m.

**Direction of 100° True North.** Starting from Monitor Point No. 2, proceed out of the south exit of the parking lot onto SW 160th Street. Proceed west to 19th Avenue SW. Proceed south on 196th Avenue SW to SW 167th Street, and turn left into the Community Swimming Pool parking lot, which is just beyond the intersection. Monitor Point No. 3 is located 20 feet north of a cedar tree and 15 feet west of the blacktop, on the west side of the blacktopped parking area for the Community Swimming Pool. This point is 6.4 kilometers (4.0 miles) from the antenna system. The field intensity measured at this point should not exceed 94.01 mV/m.

**Direction of 114° True North.** Starting from Monitor Point No. 3, proceed north on 19th Avenue SW to SW 160th Street. Proceed east on SW 160th Street to Des Moines Way South. Proceed south on Des Moines Way South past the junction with Ambaum Boulevard SW and follow Des Moines Way South to the right where it turns south just past the Highway 509 overpass. Continue on Des Moines Way South to SW 200th Street. Turn east on SW 200th Street, going past 13th Avenue South and proceed left around to the parking area behind the old school. Monitor Point No. 4 is located in the northeast corner of the playground just west of the tether ball pole at edge of concrete pad. This point is 10.6 kilometers (6.6 miles) from the antenna system. The field intensity measured at this point should not exceed 45.10 mV/m.