

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

KYPA  
File No.: BL-851115AH  
Call Sign: KLSY

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,<sup>1</sup> the LICENSEE

Bellevue Radio 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 Feb. 1, 1991 in accordance with the following:

1. Station location: Bellevue, WA

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

3. Remote control location: 12011 Northeast 1st St.  
Suite 206  
Bellevue, WA

4. Transmitter location: 2205 - 118th S.E.  
Bellevue, WA

North latitude : 47° 35' 28.5 "  
West longitude: 122° 10' 56 "

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

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: None required

8. Frequency (kHz.): 1540

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

Antenna input power (kW): 5.0 Day

Non-directional antenna: current 9.62 amperes; resistance 54 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 ohms.

10. Hours of operation: Specified in construction permit (BP-851115AA)

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.

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

Dated: DEC 16 1986

FEDERAL  
COMMUNICATIONS  
COMMISSION



JAN 08 1987

File NO.: BL-851115AH

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Date: 7/8/86

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**1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

**No. and Type of Elements:** Three uniform cross-section, guyed, series-excited vertical steel radiators. Theo. RMS = 706.83 mV/m @ 1 km. Aug. RMS = 742.56 mV/m @ 1 km. Q night = 22.36.

**Height above Insulators:** 160' (90°)

**Overall Height:** 165'

**Spacing and Orientation:** Adjacent elements spaced 160' (90°) on a bearing of 276° True.

**Non-Directional Antenna:** Daytime Center #2. Theo. Efficiency 307.38 mV/m/kw @ 1 km.

**Ground System consists of** 120-160' equally spaced, buried, copper radials each tower. Intersecting radials shortened and bonded to transverse copper straps plus a 24' x 24' ground screen about each tower.

**2. THEORETICAL SPECIFICATIONS**

|                 |        |       |        |       |
|-----------------|--------|-------|--------|-------|
| <b>Phasing:</b> | Tower  | #1(C) | #2(W)  | #3(E) |
|                 | Night: | 3.00° | -90.0° | 90.0° |

|                     |        |      |      |      |
|---------------------|--------|------|------|------|
| <b>Field Ratio:</b> | Night: | 1.00 | 0.50 | 0.50 |
|---------------------|--------|------|------|------|

**3. OPERATING SPECIFICATIONS**

**Phase Indication\*:**

|       |    |        |      |
|-------|----|--------|------|
| Night | 0° | -99.5° | 101° |
|-------|----|--------|------|

|  |       |      |       |       |
|--|-------|------|-------|-------|
| <b>Antenna Base<br/>Current Ratio:</b> | Night | 1.00 | 0.395 | 0.645 |
|--|-------|------|-------|-------|

**Antenna Monitor Sample**

|                       |       |      |       |      |
|-----------------------|-------|------|-------|------|
| <b>Current Ratio:</b> | Night | 1.00 | 0.475 | 0.59 |
|-----------------------|-------|------|-------|------|

\* As indicated by Potomac Instruments AM-19(204) Antenna Monitor.

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

DESCRIPTION OF STRENGTH OF MONITORING POINTS:

Direction of 80° true north.

Proceeding from the 98° Monitor Point head North along 148th Ave. S. E. to S. E. 16th St. where a Right turn onto S. E. 16th St. Eastbound is made. Continue on S. E. 16th St. past Phantom Lake, on the South, to 164th Ave. S. E. where a Left turn (North) is made onto 164th Ave. S. E. Turn Left (West) off of 164th S. E. into the North portion of the parking lot of Lake Hills Park. The Monitor Point is at the N. W. corner of this parking lot. This data point on the 80° radial is located 2.98 miles from the transmitter site. The field intensity measured at this point should not exceed 2.9 mV/m.

Direction of 98° true north.

Proceed from the KLSY site northbound on 118th Ave. S. E. to S. E. 8th St. Turn Right on S. E. 8th and head East past the 405 overpass, and turn South at the Lake Hills Connector. Turn Right at 127th Pl. S. E. which becomes 132nd Ave. S. E. Turn Left off of 132nd Ave. S. E. onto S. E. 26th St. and head East. After S. E. 26th St. becomes 140th Pl. S. E. turn Right onto 145th Pl. S. E. Go past S. E. 24th St. to end of road. The Monitor Point is in the middle of the parking lot to the East of the end of the road South of apartment house complex. The Monitor Point is 1.95 miles from the KLSY site. The field intensity measured at this point should not exceed 3.4 mV/m.

Direction of 116° true north.

Proceeding from the 98° Monitor Point head South along 148th Ave. S. E. past the interchange with I-90 where the street designation becomes 150th Ave. S. E. Continue on 150th Ave. S. E. to the intersection with Newport Way where a Left turn, Eastbound, onto Newport Way is made. Continue on Newport Way until 164th Ave. S. E. is reached and turn Southbound, Right, onto 164th Ave. S. E. At the first fork in the road turn Left onto S. E. 43rd Street and travel Eastbound on S. E. 43rd St. to a house numbered 16705. The Monitor Point is in front of this house. This data point on the 116° radial is located 3.5 miles from the transmitter site. The field intensity measured at this point should not exceed 1.48 mV/m.