



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

UNIVISION RADIO STATIONS GROUP, INC.  
 101 Constitution Avenue, NW, Suite 800W  
 Washington DC 20001

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Facility Id: 36694

Call Sign: KLSQ

License File Number: BL-20030529AUW

Grant Date: September 17, 2003

This license expires 3:00 a.m.  
 local time, October 01, 2005.

License to cover BMP-20030528AEY to add 4 nighttime augmentations.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

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 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. 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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
 Local Standard Time (Non-Advanced)

Jan.	6:45 AM	4:45 PM	Jul.	4:30 AM	7:00 PM
Feb.	6:30 AM	5:15 PM	Aug.	5:00 AM	6:30 PM
Mar.	5:45 AM	5:45 PM	Sep.	5:15 AM	5:45 PM
Apr.	5:15 AM	6:15 PM	Oct.	5:45 AM	5:00 PM
May	4:30 AM	6:45 PM	Nov.	6:15 AM	4:30 PM
Jun.	4:15 AM	7:00 PM	Dec.	6:45 AM	4:30 PM

Callsign: KLSQ

License No.: BL-20030529AUW

Name of Licensee: UNIVISION RADIO STATIONS GROUP, INC.

Station Location: WHITNEY, NV

Frequency (kHz): 870

Station Class: B

Antenna Coordinates:

Day

Latitude: N 35 Deg 58 Min 35 Sec

Longitude: W 114 Deg 57 Min 03 Sec

Night

Latitude: N 35 Deg 58 Min 35 Sec

Longitude: W 114 Deg 57 Min 03 Sec

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

Nominal Power (kW): Day: 5.0 Night: 0.43

Antenna Input Power (kW): Day: 5.0 Night: 0.46

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 10.66 Night: 3.05

Resistance (ohms): Day: 44 Night: 50

Non-Directional Antenna: Day

Radiator Height: 85.4 meters; 89.2 deg

Theoretical Efficiency: 305.8 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1219857	

Night:

Tower No.	ASRN	Overall Height (m)
1	1219881	
2	1219857	
3	1219880	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 215.7  
 Standard RMS (mV/m/km):  
 Augmented RMS (mV/m/km): Night: 228.1  
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	89.2
2	1.5640	124.000	105.0000	145.000	0	89.2
3	0.9700	-107.000	210.0000	145.000	0	89.2

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	64.0	44.0	41.80
2	115.0	49.0	48.70
3	175.0	60.0	65.20
4	226.0	32.0	29.70

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-123	0.41
2	0	1
3	125	0.51

Antenna Monitor: POTOMAC INSTRUMENTS AM-19

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 Authority to operate the KLSQ AM experimental synchronous licensed facilities (BLEX-19911224AC and BLEX-19920410AD) has been cancelled, and the records have been deleted from our engineering database.

Special operating conditions or restrictions:

2 MONITOR POINT DESCRIPTIONS

64° - Point located on east shoulder of northbound lane of US 93/95, 230 feet north of the "56B GAS 56A" road sign, 2.8 km from site, max 15.0 mV/m nighttime.

115° - Point located on US 95 on west shoulder of southbound lane, 375 feet south of the intersection of Silverline Road, painted MP115 with an arrow, 5.15 km from site, max 5.4 mV/m nighttime.

175° - Point located on US 95 on east shoulder of northbound lane, 200 feet north of "SLOW VEHICLES MUST USE TURNOUTS" sign and 200 feet south of "TURNOUT 1000 feet" sign, 15.7 km from site, max 1.8 mV/m nighttime.

226° - Point located at the Dutchman Pass area on the continuation of College Avenue (gravel/dirt road), at large buried rock on east shoulder of road painted white, with a MP226 and arrow, 2.69 km from site, max 19.8 mV/m nighttime.

\*\*\* END OF AUTHORIZATION \*\*\*