FCC Form 352
June 1984

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-861030AU

Call Sign: KSAH

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

Ganadores Incorporated

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, 1990 in accordance with the following:

1. Station location: Universal City, Tx

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

3. Remote control location: 1777 N.E. Loop 410
Suite 803
San Antonio,, TX

4. Transmitter location: On Stolte Lane, 0.5 mi
South of Lower Sequin Rd.
Near Marion, TX

North latitude: 29° 31' 51"
West longitude: 98° 10' 39"

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, 12, 21.

8. Frequency (kHz.): 720

9. Nominal power (kW): 10.0 Day
0.89 Night

Antenna input power (kW): 10.368 Day

☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
☒ Directional antenna : current 14.4 amperes; resistance 50 ohms.

0.924 Night

☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
☒ Directional antenna : current 4.3 amperes; resistance 50 ohms.

10. Hours of operation: Specified in construction permit (BP -820201AM, BMP-861001AG, BMP-851016AJ & BMP-860626AF

11. Conditions:

8/19/87 SUPERSEDED TO CORRECT MARKING & LIGHTING REQUIREMENTS AND MONITOR POINT DESCRIPTIONS.

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.

AUG 12 1987

[1] This license consists of this page and pages 2,3 4

Dated: AUG 11 1987

JDS

FEDERAL COMMUNICATIONS COMMISSION

Call Sign KSAH File No. BL-861030AU

Date: 4/23/87 DA- 2

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three vertical, guyed, series excited, uniform cross section towers. Daytime: Theo RMS = 915.9 mV/m at 1 km, STD. RMS = 962.3 mV/m at 1 km, Q = 31.6 Nighttime: Theo. RMS = 297.7 mV/m at 1 km. STD RMS = 312.8 mV/m at 1 km. Q =10.0. 2 communications type antennas are sidemounted near top C(#2) tower

Height above Insulators: 300' (79.1°)

Overall Height: 303'

Spacing and Orientation: From Twr. #1, Twr #2 is spaced 80° on a line bearing 31° T & Twr. #3 is spaced 160° on a line bearing 31° T.

Non-directional Antenna: None authorized

Ground system consists of 120 copper radials each 342' long or to intersecting copper straps plus 24' x 24' copper ground screen about base of each tower.

THEORETICAL SPECIFICATIONS

	Tower	SW(#1)	C(#2)	NE(#3)
Phasing:	Night	0°	106.7°	-146.6°
	Day	0°	118.3°	-45.9°
Field Ratio:	Night	1.00	1.50	0.56
	Day	1.00	0.44	0.72

OPERATION SPECIFICATIONS

Antenna Base Current Ratio:				
1/	Night	0.386	1.00	0.693
	Day	1.00	0.462	0.757
Phase Indications:				
2/	Night	-106.7°	0°	106.7°
	Day	0°	118.3°	-45.9°
Sample Current:				
	Night	0.373	1.00	0.667
	Day	1.00	0.44	0.72
Sample Current Deviation:				
3/	Night	0%	0%	0%
Precision Adaptor Attenuator Values:		67.37	25.71	38.28

indicated by Potomac Instruments AM-19 adapter **antenna monitor.**

1/ **Permissible deviations from these values shall not exceed** + 5%
2/ **Permissible deviations from these values shall not exceed** ±0.6°
3/ **Permissible deviations from these values shall not exceed** ±1%

Antenna sampling system approved under section 73.68(b) rules

Direction of and Strength of Monitoring Points

Direction of 7.5 degrees true north. From the transmitter, commence north-northwest to Lower Sequin Road .56 miles, thence right (east) 2.00 miles to Santa Clara. Turn left (north-northwest) on Santa Clara 1.87 miles to Highway 78, thence left (west) .70 miles to paint mark north side (westbound shoulder) across from abandoned farm house. Distance from transmitter 2.42 miles. The field intensity measured at this point should not exceed 3.9 mV/m nighttime.

Direction of 31 degrees true north. Beginning at the transmitter proceed north-northwest on Stolte Lane .56 miles to Lower Sequin Road, thence right (east) 2.00 miles on Lower Sequin Road to Santa Clara. Turn left (north-northwest) on Santa Clara 1.87 miles to Highway 78, then right (east) .56 miles to paint mark on eastbound shoulder of Highway 78 adjacent to drive of Willie's Garage. Distance from transmitter 3.07 miles. The field intencity measured at this point should not exceed 3.4 mv/m, night, 110mv/m daytime.

54.5 degrees true north. From the transmitter, proceed north-northwest on Stolte Lane .56 miles to Lower Sequin Road, thence right (east) 2.00 miles on Lower Sequin Road to Santa Clara. Left (north-northwest). 39 miles to paint mark on west side of road. Distance from transmitter 2.15 miles. The field intensity measured at this point should not exceed 2.94 mv/m nighttime.

Direction of 164.5 degrees true north. From the transmitter, proceed south-southeast on Stolte Lane 1.37 miles to Bolton Lane thence right (west-southwest) .41 miles to Zuehl Road. Turning left (south-southeast) .22 miles to the west bound service road of Interstate 10, thence right (west) .08 miles to paint mark in west bound lane. Distance from transmiiter 1.68 miles. The field intensity measured at this point should not exceed 194 mv/m daytime.

Direction of 211 degrees true north. Proceeding from the transmitter north-northwest on Stolte Lane .56 miles to Lower Sequin Road, thence left (west) on Lower Sequin 1.36 miles to Hackerville Road. Turn left (south-southeast) on Hackerville 1.56 miles to paint on west side of road on tower line. Distance from transmitter 1.24 miles. The field intensity measured at this point should not exceed 430 mv/m daytime.

Direction of 258 degrees true north. From the transmitter north-northwest on Stolte Lane .56 miles to Lower Sequin Road, thence left (west) on Lower Sequin Road 1.36 miles to Hackerville .54 miles to paint mark on west side of road in front of stone farm house. Distance from transmitter 1.25 miles.

the field intensity measured at this point should not exceed 250 mv/m daytime.