



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

MALKAN INTERACTIVE COMMUNICATIONS, LLC
2117 LEOPARD STREET
CORPUS CHRISTI TX 78469

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 39715

Call Sign: KEYS

License File Number: BZ-20090722ACN

Grant Date: September 17, 2009

This license expires 3:00 a.m.
local time, August 01, 2013.

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

Callsign: KEYS

License No.: BZ-20090722ACN

Name of Licensee: MALKAN INTERACTIVE COMMUNICATIONS, LLC

Station Location: CORPUS CHRISTI, TX

Frequency (kHz): 1440

Station Class: B

Antenna Coordinates:

Day

Latitude: N 27 Deg 47 Min 02 Sec

Longitude: W 97 Deg 27 Min 29 Sec

Night

Latitude: N 27 Deg 47 Min 02 Sec

Longitude: W 97 Deg 27 Min 29 Sec

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

Nominal Power (kW): Day: 0.892 Night: 1.0

Antenna Input Power (kW): Day: 0.892 Night: 1.08

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 1.21 Night: 4.65

Resistance (ohms): Day: 605 Night: 50

Non-Directional Antenna: Day

Radiator Height: 84.45 meters; 146 deg

Theoretical Efficiency: 329.92 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1053363	

Night:

Tower No.	ASRN	Overall Height (m)
1	1053366	
2	1053365	
3	1053364	
4	1053363	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 336.58
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 365.41
 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	106.5
2	0.7100	131.200	182.0000	265.000	0	106.5
3	0.5800	-84.000	225.4000	287.000	0	106.5
4	0.8200	144.800	90.0000	338.000	0	146.0

* 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	12.0	64.0	248.95
2	45.0	60.0	93.05
3	75.0	60.0	316.38
4	135.0	56.0	755.23
5	163.0	55.6	551.68
6	224.0	47.0	371.36
7	271.0	47.0	92.01
8	307.0	66.0	232.12
9	340.0	64.0	95.45

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	119	0.429
3	123.5	1.11
4	-86.5	0.559

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
45	2.22	68.3
190.77	2.7	57.7
270.96	1.88	60
340	2.27	39.6

Special operating conditions or restrictions:

- 1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

- 2 Location of Monitor Points:

Direction of 45° true North. Proceed north on Westchester Street 1 block to Cornelia Street. From thence, proceed east on Cornelia one block. The monitoring point is located at the southeast corner of the park.

Direction of 190.77° true North. Proceed on south Padre Island Drive (SPID), a freeway to the exit of Old Brownsville Road. From thence, take the turn-around and proceed north on the SPYD access road 0.4 mile to Enterprise Lane. The monitor point is located on the west curb of the access road opposite the fire hydrant.

Direction of 270.96° true North. From the transmitter site entrance, proceed west on Agnes 1.2 miles to Heinsohn Road. From thence, proceed south on Heinsohn 0.1 mile. The point is located on the east edge of the pavement opposite a power pole.

Direction of 340° true North. From the transmitter site entrance, proceed west on Agnes 0.75 mile to south Padre Island Drive (SPID), a freeway. From thence, proceed north on SPID access road 1.2 miles. The monitor point is located on the east curb of the access road on top of a drain culvert.

- 3 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 65.24 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus a copper ground screen 14.6 meters square, about the base of each tower.

Special operating conditions or restrictions:

4 Note Regarding Operating Parameters and Tower Locations:

Tower #1 corresponds to the SE tower (ASRN: 1053366).
 Tower #2 corresponds to the NE tower (ASRN: 1053363).
 Tower #3 corresponds to the SW tower (ASRN: 1053365).
 Tower #4 corresponds to the NW tower (ASRN: 1053364).

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*** END OF AUTHORIZATION ***