



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

Official Mailing Address:

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 SALT OF THE EARTH BROADCASTING, INC.  
 4638 DECKER DRIVE  
 BAYTOWN, TX 77520  
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Authorizing Official

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*Son Nguyen*  
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 Son Nguyen  
 Supervisory Engineer  
 Audio Services Division  
 Mass Media Bureau

Call Sign: KWWJ

Grant Date:

**MAY 7 1998**

License File No.: BL-960503AD

This license expires 3:00 a.m.  
 Local time, August 1, 2005

This license covers Permit No.: 960205PA

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

Licensee: SALT OF THE EARTH BROADCASTING, INC.

Station Location: BAYTOWN, TX

Frequency (kHz): 1360

Station Class: B

Transmitter Location:

TX - 4638 Decker Drive, Baytown.

Latitude: N 29° 46' 28"  
 Longitude: W 95° 0' 55"

Main Studio Location: (See Section 73.1125)

TX - 4638 Decker Drive, Baytown.

Nominal Power (kW): Day: 5.0 Night: 1.0

Antenna Input Power (kW): Day: 5.400 Night: 1.080

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.40 Night: 4.47

Resistance (ohms): Day: 50.00 Night: 54.00

Antenna Description:

Three(3), vertical, guyed, series-excited steel radiators of uniform cross section.

Ground System Description:

120 equally spaced, buried, copper radials about the base of each tower, each 54.88 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus a 7.31m X 7.31m mesh screen at the base of each tower.

Painting and Lighting Specifications:

Daytime:

Twr No.	Overall Height (m)	Marking and Lighting Specifications FCC Form 715, Paragraphs
1	63.7	1,3 & 21
2	65.2	1,3 & 21
3	63.7	1,3 & 21

Nighttime:

Twr No.	Overall Height (m)	Marking and Lighting Specifications FCC Form 715, Paragraphs
1	65.2	1, 3 & 21
2	63.7	1, 3 & 21
3	63.7	1, 3 & 21

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m @ 1km):	Day: 720.33	Night: 305.80
Standard RMS (mV/m @ 1km):	Day: 758.33	Night:
Augmented RMS (mV/m @ 1km):	Day:	Night: 322.45
Q Factor:	Day: 52.24	Night: 17.43

Theoretical Parameters:

Daytime Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref. Switch *	Height (Deg.)
1	1.0000	0.000	0.000	0.000	0	99.6
2	1.0800	166.500	54.000	131.000	0	102.1
3	0.3500	-40.000	136.000	123.000	0	99.6

Nighttime Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref. Switch *	Height (Deg.)
1	1.0000	0.000	15.900	278.000	0	102.0
2	0.5000	166.000	68.000	303.000	0	99.6
3	0.5000	-146.000	68.000	123.000	0	99.6

\* 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.	37.0	10.0	195.68
2.	213.0	30.0	88.50
3.	228.0	34.0	80.50
4.	245.0	34.0	51.50
5.	354.0	10.0	77.81

Operating Parameters:

Daytime Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio	Antenna Base Current Ratio
1	-163.50	0.865	0.840
2	0.00	1.000	1.000
3	150.00	0.345	0.344

Nighttime Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio	Antenna Base Current Ratio
1	0.00	1.000	1.000
2	166.00	0.560	0.554
3	-154.00	0.620	0.640

Antenna Monitor: Potomac Instruments AM-19(204)

Sampling System Approved Under Section 73.68(b) of the Rules.

Monitoring Points:

Daytime Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
80.0	3.00	35.40
134.5	4.58	51.40
169.5	5.00	48.70
181.0	4.62	48.70
228.5	2.35	31.10
306.5	2.00	592.30

## Nighttime Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
37.0	5.20	34.50
220.0	3.38	8.70
229.0	3.98	13.50
245.0	2.77	34.20
326.0	4.02	32.90
354.0	4.17	19.30

## Special Operating Conditions or Restrictions:

1. Licensee must register the towers with the FCC pursuant to 47 CFR Section 17.4(a)(1), as modified by the Report and Order in WT Docket 95-5, 61 FR 4359(1996).

## Obstruction marking and lighting specifications for antenna structure(s):

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

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