

United States of America FEDERAL COMMUNICATIONS COMMISSION AM BROADCAST STATION LICENSE

Authorizing Official

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Dennis L. Williams Assistant Chief Audio Services Division Mass Media Bureau

Grant Date: April 30, 1998

License File No.: BZ-980126AC

Official Mailing Address:

LBI RADIO LICENSE CORP. 5724 HOLLYWOOD BLVD.

LOS ANGELES, CA 90028

Call Sign: KVNR

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

This supersedes authorization of same date to correct antenna description, night operating parameters, and monitor points. (JBS 9/8/98)

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.	7:00 a.m.	5:00 p.m.	Jul.	4:45 a.m.	7:00 p.m.
Feb.	6:30 a.m.	5:30 p.m.	Aug.	5:15 a.m.	6:45 p.m.
Mar.	6:00 a.m.	6:00 p.m.	Sep.	5:30 a.m.	6:00 p.m.
Apr.	5:15 a.m.	6:15 p.m.	Oct.	6:00 a.m.	5:15 p.m.
-	4:45 a.m.	6:45 p.m.	Nov.	6:30 a.m.	4:45 p.m.
Jun.	4:45 a.m.	7:00 p.m.	Dec.	6:45 a.m.	4:45 p.m.

Licensee: LBI RADIO LICENSE CORP. Station Location: SANTA ANA, CA Frequency (kHz): 1480 Station Class: B Transmitter Location: CA - 3101 West Fifth, Santa Ana Latitude: N 33° 45' 6" Longitude: W 117° 54' 38" Main Studio Location: (See Section 73.1125) CA - 3101 West Fifth, Santa Ana Nominal Power (kW): Day: 5.0 Night: 5.0 Antenna Input Power (kW): Day: 5.400 Night: 5.400 Antenna Mode: Day: DA Night: DA

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

Current (amperes):	Day: 10.40	Night: 10.40
Resistance (ohms):	Day: 50.00	Night: 50.00

Antenna Description:

Four vertical, self supporting, series-excited, tapered, steel radiators. The array forms a parallelogram with the two (identical length) longer sides extending from towers #1(SW) to #2(NW), and from tower #3(SE) to tower #4(NE), and the two (identical length) shorter sides extending from tower #2(NW) to tower #4(NE), and from tower #1(SW) to tower #3(SE). Daytime array consists of towers #4(NE), #3(SE), and #2(NW), referenced in that order. Night array consists of towers #1(SW), #2(NW), #3(SE), and #4(NE), referenced in that order.

Ground System Description:

120 equally spaced, buried, copper radials about the base of each tower, each 61 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 7.3 meter x 7.3 meter ground screen about the base of each tower. Painting and Lighting Specifications:

Daytime:

Twr No.	Overall Height (m)	Marking and Lighting Specifications FCC Form 715, Paragraphs
1	54.7	None Required
2	54.7	None Required
3	54.7	None Required

Nighttime:

Twr No.	Overall Height (m)	Marking and Lighting Specifications FCC Form 715, Paragraphs
1	54.7	None Required
2	54.7	None Required
3	54.7	None Required
4	54.7	None Required

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m @ 1km):	Day: 727.76	Night: 735.29
Standard RMS (mV/m @ 1km):	Day: 764.51	Night: 772.41
Q Factor:	Day: 22.36	Night: 22.36

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	94.7
2	1.0000	150.000	150.000	210.750	0	94.7
3	0.9000	170.000	90.000	245.100	0	94.7

Nighttime 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	94.7
2	1.4000	110.000	150.000	30.750	0	94.7
3	1.7000	155.000	90.000	65.100	0	94.7
4	2.4000	265.000	230.000	43.190	0	94.7

Tower Reference Switch:

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Operating Parameters:

Daytime Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio	Antenna Current			
1 2 3	0.00 157.10 170.10	1.000 0.908 0.778		1.000 0.948 0.819		
	Nighttime I	Directional Operation:				
Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio	Antenna Current			
1 2 3 4	105.70 -152.50 -101.00 0.00	0.445 0.548 0.754 1.000		0.478 0.580 0.797 1.000		
Anten	na Monitor:	POTOMAC INSTRUMENTS AM-19	9 (204)			
		pproved Under Section 73.	68(b) of t	the Rules.		
Monit	oring Points	:				
	Daytime Op	eration:				
	Radial (Deg. T)	Distance From Transm (kM)	litter	Maximum Field (mV/m)	Strength	
	144.9 305.7	1.60 1.40		125.50 150.60		
	Nighttime Operation:					
	Radial (Deg. T)	Distance From Transm (kM)	litter	Maximum Field (mV/m)	Strength	
	93.0 329.2	2.60 2.60		38.90 38.01		

Special Operating Conditions or Restrictions:

None Required

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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 ***