· ** * * * * *						
FCC «Foring 352»				File No.	: BL-900117AG	
, ,		AM BROADCAST STATION	LICENSE	Call Sign	: KBNA- K	QBU
_ LICENSEE:	TICHEN	OR MEDIA SYSTEM, I	ENC.			
		*** ** ** _*	3. Transmitter(s): Typ	be Accepted.	(See Sections	73.1660,
1. Community of License	TX	4. Main Studio location: (See Section 73.1125)				
2. Transmitter location	<sup>:</sup> 101 Vocat El Paso,	tional Drive TX				
:		0	5. Remote control lo	ocation:		
West longitude	: 31 : 106	1° 44 09 " 5° 22' 24 "	2211 East Mis Suite 300 Sou	ssouri uth	• •	
6. Antenna and ground syste	<sup>m:</sup> Attached		El Paso, TX			·
1						
7. Obstruction marking and	ighting specifica	tions - FCC Form 715, parag	raphs: 1, 3, 4, 1	.3, 21 & 22	for Tow	er #1
8. Frequency	: 920	kHz	and 1, 3, 11, 2	1 & 22 for	towers	#2 & #
	. 1.0		0.26			
9. Nominal, power (KVV)	: <u> </u>	Uay	0.36Nigt	nt		
	Dav X	Non-directional antenna:	0.04		176	
•		Directional antenna : current	2.34 ampere	s; resistance	176	ohms.
· 0				• / · ·		
0.38		Directional antenna:	2.79_ampere	s; resistance	50	ohms.
n O Hours of operation: Speci	fied in RD_S	280817AF				
	fied at Dr=C	000017AF				
1. Conditions	: Attache	ed				
<b>10-15-91</b> THIS SU OPERAT:	JPERSEDES AU ING SPECIFIC	THORIZATION OF THE DA CATIONS AND MP DESCRIF	ME DATE TO CORRE TION.	ICT RC LOCA	TION,	
Subject to the provisions made thereunder, and furthe	of the Commun r subject to co	nications Act of 1934, as ame	 anded, subsequent Acts inse, <sup>1</sup> the LICENSEE	s, Treaties, and is hereby auth	Commission	n rules se and
August 1, 1997			n broadcasting for the	term ending 3	5 AJVI. LOCAI	Ime
The Commission reserves the	right during said	icense period of termination this				
license which may be necessary Commission prior to the commer but not held, prior to the commer The license is issued on th	to comply with a icement of this lic ncement of this lic ne licensee's repre-	ncense period of terminating this ny decision of the Commission re ense period or any decision render sense period. esentation that the statements co	Incense of making effectiv ndered as a result of any red as a result of any sur- ontained in the licensee':	e any change, or 7 hearing held un ch hearing which 8 application ar	r modification nder the rules has been des e true and ti	of this of the lignated
undertakings therein contained so license, render such broadcasting conferred.	) far as they are o g service as will	consistent herewith, will be carried serve the public interest, conveni	out in good faith. The li ence, or necessity to the	icensee shall, dur full extent of t	ring the term the privileges	of this herein

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.

<sup>1</sup> This ficense consists of this page and pages 2 JDS:y1 Dated: **MAY 3 1 1991**  FEDERAL COMMUNICATIONS COMMISSION



## FCC Form 353-A

June 1980 -

#### Date: 1/13/90

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File No. BL-900117AG Call Sign: KBNA DA-N

#### 1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three (3) vertical, guyed, series-excited steel radiators of uniform cross section. Theoretical RMS (Night): 204.90 mV/m/km. Standard RMS: 215.4 mV/m/km. Q = 10.0.

Height above Insulators: Tower #1: 105.8m (117°); Tower # 2 & # 3: 76.2m (84°). Two (2) STL antennas are sidemounted C (#1) tower.

**Overall Height:** Tower # 1: 108.2m; Tower # 2 & # 3: 77.7m.

**Spacing and Orientation:** With tower # 1 (C) as a reference, Tower # 2 (NW) is spaced 111.1° on a line bearing 319.5° T; Tower # 3 (SE) is spaced 94.4° on a line bearing 112.9° T.

Non-Directional Antenna: Tower # 1 (C). Theoretical efficiency: 302.56 mV/m/kw @ 1 km.

**Ground System** consists of 120 equally spaced buried, copper radials about the base of each tower 76.2m in length except where terminated by property boundaries or where intersecting radials are shortened and bonded, plus 120 interspered radials 7.3m in length about the base of each tower.

20	Instation of strictions									
	Tower	#1(C)	#2(NW)	#3(SE)						
	Phasing:' Night	0°	-150°	-150°						
	Field Ratio:									
	Night	0.78	0.5	0.5						
3.	OPERATING SPECIFICATIONS									
	Phase Indication*:	:								
	Night	0°	-149°	-152°						
	Antenna Base Curre Ratio	ent								
	Night:	1.00	1.81	1.75						
	Antenna Monitor Sa	mple								
	Current Ratio:									
	Night	1.00	1.92	1.86						

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\* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor

Antenna sampling system approved under section 73.68(b) rules.

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### KBNA BL-900117AG

# DESCRIPTION OF AMD FIELD INTENSITY AT MONITORING POINTS:

Direction of 75° True North. From the Riverside Village Shopping Center (parking lot is immediately north of KBNA transmitter), proceed left on Alameda 0.4 mile to Carolina. Turn right on Carolina, proceed 1.4 miles to Giles. Turn left onto Giles and proceed 0.2 mile to Monterey. Turn right onto Monterey, proceed 0.2 mile to LaPaz. Turn right onto LaPaz, proceed 0.05 mile to San Paulo. Turn left onto San Paulo, proceed 0.3 mile to 7954 San Paulo. Reading is taken in street at east edge of driveway. The field intensity measured at this point should not exceed <u>50.3 mV/m Nighttime</u>.

Direction of 194.5° True North. From the Riverside Village Shopping Center, turn right on Alameda, proceed 0.25 mile to Midway. Turn right onto Midway, proceed 0.4 mile ti Knight. Turn left onto Knight, proceed 0.35 mile to Bissonette. Turn right onto Bissonette, proceed to 433. Reading is taken in the middle to the street in line with 433 Bissonette. The field intensity measured at this point should not exceed 22.4 mV/m Nighttime.

Direction of 239° True North. From the Riverside Village Shopping Center, turn right onto Aameda, proceed 0.25 miles to Midway. Turn right onto Midway, proceed 0.65 mile to Border Highway. Proceed under the overpass and turn left down Highway access road. Proceed 0.05 miles, then U-turn onto direct road along border levee. Drive 0.2 miles. Monitor point is read on top of the levee, marked by a copper-clad rod. The field intensity at this point should not exceed <u>59.6 mV/m Nighttime</u>.

Direction of 357° True North. From the Riverside Village Shopping Center, turn left onto Alameda, proceed 0.5 mile to Carolina. Turn right onto Carolina, proceed 0.8 mile to North Loop. Turn left onto North Loop, proceed 0.8 mile to Hawkins. Turn right onto Hawkins, proceed 0.8 mile to Tony Lama Drive. Turn right on Tony Lama Drive, proceed 0.35 mile to Industrial. Turn left onto Industrial, proceed to 7150 Industrial. The point is read at the street event with the front door of building at 7150 Industrial. The field intensity measured at this point should not exceed <u>45.9 mV/m Nighttime</u>.

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