



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

Alpha 3E Licensee LLC Debtor-in-Possession
 1211 SW 5th Avenue
 Suite 750
 Portland OR 97204

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 30114

Call Sign: KGLO

License File Number: BL-19980514KA

Grant Date: July 07, 2000

This license expires 3:00 a.m.
 local time, February 01, 2005.

License to cover BP-19950720AC as modified by BMP-19980831AB.

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.	7:45 AM	5:00 PM	Jul.	4:45 AM	7:45 PM
Feb.	7:15 AM	5:45 PM	Aug.	5:15 AM	7:15 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:30 PM
Apr.	5:30 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	4:45 AM	7:30 PM	Nov.	7:00 AM	4:45 PM
Jun.	4:30 AM	8:00 PM	Dec.	7:30 AM	4:45 PM

Callsign: KGLO

License No.: BL-19980514KA

Name of Licensee: Alpha 3E Licensee LLC Debtor-in-Possession

Station Location: MASON CITY, IA

Frequency (kHz): 1300

Station Class: B

Antenna Coordinates:

Day

Latitude: N 43 Deg 03 Min 15 Sec

Longitude: W 93 Deg 12 Min 17 Sec

Night

Latitude: N 43 Deg 03 Min 15 Sec

Longitude: W 93 Deg 12 Min 17 Sec

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

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

Antenna Input Power (kW): Day: 5.4 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10 Night: 10

Resistance (ohms): Day: 54 Night: 54

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	58.8
2	None	58.8

Night:

Tower No.	ASRN	
1	None	58.8
2	None	58.8
3	None	58.8

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 682.48 Night: 742.4

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 719.02 Night: 780.45

Q Factor: Day: 22.36 Night: 33.35

Theoretical Parameters:

Day 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	90.4
2	0.5370	29.000	81.1000	180.000	0	90.4

* 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	114.5	10.0	845.60

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5610	-144.800	0.0000	0.000	0	90.4
2	1.0000	0.000	81.1000	180.000	0	90.4
3	0.6160	148.400	160.0000	179.600	0	90.4

* 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	114.5	10.0	232.60
2	268.5	10.0	42.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
2	35	0.72

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-156.5	0.548
2	0	1
3	145.2	0.64

Antenna Monitor: Potomac Instruments Model 1901 (IJ3P11900)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
0	4.83	133.27
180	3.41	151.76

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
90.5	3.54	4.2
144	3.22	9.33
215.5	4.18	11.22
268.5	4.5	5.04

*** END OF AUTHORIZATION ***