

Call sign: KGGO

License No.: BMLH-870212KB

Frequency (MHz): 94.9

Channel: 235

Class: C

Hours of Operation: Unlimited

Main Studio Address:

IA-3900 NE BROADWAY, DES MOINES

Transmitter location (address or description):

NE 38TH ST., 0.8 KM E. OF NE 72ND AVENUE,

Remote control point address:

IA-3900 NE BROADWAY, DES MOINES

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

Transmitter output power (kW): 21.0

Antenna type: (directional or non-directional): Non-directional

Desc: CONTINENTAL G5CPS-10 10 SECTIONS SIDE MOUNTED ON UNIFORM CROSS-SECTION GUYED STEEL TOWER, ANTENNA SHARED WITH KDWZ

Antenna coordinates: North Latitude: 41 37 54.0
West Longitude: 93 27 24.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the horizontal plane (kW) :	100.0	100.0
Height of radiation center above ground (meters) :	305.0	305.0
Height of radiation center above mean sea level (meters) :	597.0	597.0

Height of radiation center above
average terrain (meters) : 325.0 325.0

Overall height of antenna structure above ground (including obstruction
lighting, if any) : 320.0 meters

Obstruction marking and lighting specifications for antenna
structure:

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.

Paragraph B, FCC Form 715-A (Nov. 1983):

There shall be installed at the top of the skeletal or other main
support structure three or more high intensity light units which con-
form to FAA/DOD Specification L-856 High Intensity Obstruction
Lighting Systems. The complement of units shall emit a white high
intensity light and produce an effective intensity of not less than
200,000 candelas (daytime) uniformly about the antenna structure in
the horizontal plane. The effective intensity shall be reduced
to approximately 20,000 candelas at twilight, and to approximately
4,000 candelas at night. The light units shall be mounted in a manner
to ensure unobstructed viewing from aircraft at any normal angle of
approach, so that the effective intensity of the full beam is not im-
paired by any structural member of the skeletal framework. The units
will normally be adjusted so that the center of the beam is in the
horizontal plane.

Paragraph E, FCC Form 715-A (Nov. 1983):

At the approximate one-fourth, one-half and three-fourths levels of
the skeletal tower there shall be installed three or more high
intensity light units which conform to FAA/DOD Specification L-856,
High Intensity Obstruction Lighting Systems. The complement of units
shall emit a white high intensity light and produce an effective in-
tensity of not less than 200,00 candelas (daytime) uniformly about the
antenna structure in the horizontal plane. The effective intensity
shall be reduced to approximately 20,000 candelas at twilight, and to
approximately 4,000 candelas at night. The light units shall be
mounted in a manner to ensure unobstructed viewing from aircraft at
any normal angle of approach, so that the effective intensity of the
full beam is not impaired by any structural member of the skeletal
framework. The normal angular adjustment of the beam centers above
the horizontal shall be three degrees at the one-fourth level, two
degrees at the one-half level and one degree at the three-fourths
level.

Paragraph H, FCC Form 715-A (Nov. 1983):

All lights shall be synchronized to flash simultaneously at 40 pulses per minute. The light system shall be equipped with a light sensitive control device which shall face the north sky and cause the intensity steps to change automatically when the north sky illumination on a vertical surface is as follows:

1. Day to Twilight: Shall not occur before the illumination drops to 60 footcandles, but shall occur before it drops to 30 footcandles.
2. Twilight to Night: Shall not occur before the illumination drops to 5 footcandles, but shall occur before it drops to 2 footcandles.
3. Night to Day: The intensity changes listed in 1. and 2. above shall be reversed in transitioning from the night to day modes.

Paragraph I, FCC Form 715-A (Nov. 1983):

During construction of an antenna structure for which high intensity lighting is required, at least two lights shall be installed at the uppermost part of the structure. In addition, at each level where permanent obstruction lighting will be required, two similar lights shall be installed. Each temporary light shall consist of at least 1,500 candelas (peak effective intensity), synchronized to flash simultaneously at 40 pulses per minute. Temporary lights shall be operated continuously, except for periods of actual construction, until the permanent obstruction lights have been installed and placed in operation. Lights shall be positioned to ensure unobstructed viewing from aircraft at any normal angle of approach. If practical, the permanent obstruction lights may be installed at each level as the structure progresses. NOTE: If battery operated, the batteries should be replaced or recharged at regular intervals to preclude failure during operation.

OBSTRUCTION MARKING AND LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES

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.

PAINING

1 Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and bottom. The width of the bands shall be equal and approximately one-seventh the height of the structure, provided however, that the bands shall not be more than 100 feet nor less than 1½ feet in width. All towers shall be cleaned or repainted as often as necessary to maintain good visibility.

TOP LIGHTING

2 There shall be installed at the top of the tower at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. The two lights shall burn simultaneously from sunset to sunrise and shall be positioned so as to insure unobstructed visibility of at least one of the lights from aircraft at any normal angle of approach. A light sensitive control device or an astronomical dial clock and time switch may be used to control the obstruction lighting in lieu of manual control. When a light sensitive device is used it should be adjusted so that the lights will be turned on at a north sky light intensity level of about thirty-five foot candles and turned off at a north sky light intensity level of about fifty-eight foot candles.

3 There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

INTERMEDIATE LIGHTING (BEACONS)

4 At approximately one-half of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of the tower at the prescribed height.

5 At approximately two-fifths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

6 On levels at approximately two-thirds and one-third of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

7 On levels at approximately four-sevenths and two-sevenths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these bea-

cons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

8 On levels at approximately three-fourths, one-half and one-fourth of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of the beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

9 On levels at approximately two-thirds, four-ninths and two-ninths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10 On levels at approximately four-fifths, three-fifths, two-fifths and one-fifth of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be

THIS FORM IS A PART OF AND SHALL BE ATTACHED TO THE CURRENT INSTRUMENT OF AUTHORIZATION

installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.1 On levels at approximately eight-elevenths, six-elevenths, four-elevenths and two elevenths of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.2 On levels at approximately five-sixths, two-thirds, one-half, one-third and one-sixth of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.3 On levels at approximately ten-thirteenths, eight-thirteenths, six thirteenths, four-thirteenths and two-thirteenths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.4 On levels at approximately six-sevenths, five-sevenths, four-sevenths, three-sevenths two-sevenths and one-seventh of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall

be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

(SIDE LIGHTS)

11 At the approximate mid point of the over-all height of the tower there shall be installed at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of at least one light at each level from aircraft at any normal angle of approach.

12 On levels at approximately two-thirds and one-third of the over-all height of the tower, there shall be installed at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of at least one light at each level from aircraft at any normal angle of approach.

13 On levels at approximately three-fourths and one-fourth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

14 On levels at approximately four-fifths, three-fifths and one-fifth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

15 On levels at approximately five-sixths, one-half, and one-sixth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of structure.

16 On levels at approximately six-sevenths, five-sevenths, three-sevenths and one-seventh of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

17 On levels at approximately seven-eighths, five-eighths, three-eighths and one-eighth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

18 On levels at approximately eight-ninths, seven-ninths, five-ninths, one-third and one-ninth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19 On levels at approximately nine-tenths, seven-tenths, one-half, three-tenths and one-tenth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19.1 On levels at approximately ten-elevenths, nine-elevenths, seven-elevenths, five-elevenths, three-elevenths and one-eleventh of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19.2 On levels at approximately eleven-twelfths, three-fourths, seven-twelfths, five-twelfths, one-fourth and one-twelfth of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19.3 On levels at approximately twelve-thirteenths, eleven-thirteenths, nine-thirteenths, seven-thirteenths, five-thirteenths, three-thirteenths and one-thirteenth of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19.4 On levels at approximately thirteen-fourteenths, eleven-fourteenths, nine-fourteenths, one-half, five-fourteenths three-fourteenths and one-fourteenth of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

20 All lighting shall be exhibited from sunset to sunrise unless otherwise specified.

21 All lights shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

22 During construction of an antenna structure, for which obstruction lighting is required, at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes, shall be installed at the uppermost point of the structure. In addition, as the height of the structure exceeds each level at which permanent obstruction lights will be required, two similar lights shall be displayed nightly from sunset to sunrise until the permanent obstruction lights have been installed and placed in operation, and shall be positioned so as to insure unobstructed visibility of at least one of the lights at any normal angle of approach. In lieu of the above temporary warning lights, the permanent obstruction lighting fixtures may be installed and operated at each required level as each such level is exceeded in height during construction.

HIGH INTENSITY OBSTRUCTION LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES

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.

TOP LIGHTING

A. There shall be installed at the top of the antenna structure a white capacitor discharge omnidirectional light which conforms to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. This light shall be mounted on the highest point of the structure. If the antenna or other appurtenance at its highest point is incapable of supporting the omnidirectional light, one or more such lights shall be installed on a suitable adjacent support with the lights mounted not more than 20 feet below the tip of the appurtenance. The lights shall be positioned so as to permit unobstructed viewing of at least one light from aircraft at any normal angle of approach. The light unit(s) shall emit a beam with a peak intensity around its periphery of approximately 20,000 candelas during daytime and twilight, and approximately 4,000 candelas at night.

B. There shall be installed at the top of the skeletal or other main support structure three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The units will normally be adjusted so that the center of the beam is in the horizontal plane.

INTERMEDIATE LIGHTING

C. At the approximate one-half level of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be two degrees (2°).

D. At the approximate one-third and two-thirds levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000

candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be two degrees (2°) at the one-third level and one degree (1°) at the two-thirds level.

E. At the approximate one-fourth, one-half and three-fourths levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be three degrees (3°) at the one-fourth level, two degrees (2°) at the one-half level and one degree (1°) at the three-fourths level.

F. At the approximate one-fifth, two-fifths, three-fifths and four-fifths levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be three degrees (3°) at the one-fifth level, two degrees (2°) at the two-fifths level, one degree (1°) at the three-fifths level and zero degrees (0°) at the four-fifths level.

G. At the approximate one-sixth, one-third, one-half, two-thirds and five-sixths levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal

plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be three degrees (3°) at the one-sixth level, two degrees (2°) at the one-third level, two degrees (2°) at the one-half level, one degree (1°) at the two-thirds level and zero degrees (0°) at the five-sixths level.

H. All lights shall be synchronized to flash simultaneously at 40 pulses per minute. The light system shall be equipped with a light sensitive control device which shall face the north sky and cause the intensity steps to change automatically when the north sky illumination on a vertical surface is as follows:

1. Day to Twilight: Shall not occur before the illumination drops to 60 footcandles, but shall occur before it drops below 30 footcandles.

2. Twilight to Night: Shall not occur before the illumination drops to 5 footcandles, but shall occur before it drops to 2 footcandles.

3. Night to Day: The intensity changes listed in 1. and 2. above shall be reversed in transitioning from the night to day modes.

TEMPORARY LIGHTING

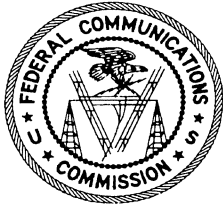
I. During construction of an antenna structure for which high intensity lighting is required, at least two lights shall be installed at the uppermost part of the structure. In addition, at each level where permanent obstruction lighting will be required, two similar lights shall be installed. Each temporary light shall consist of at least 1,500 candelas (peak effective intensity), synchronized to flash simultaneously at 40 pulses per minute. Temporary lights shall be operated continuously, except for periods of actual construction, until the permanent obstruction lights have been installed and placed in operation. Lights shall be positioned to ensure unobstructed viewing from aircraft at any normal angle of approach. If practical, the permanent obstruction lights may be installed at each level as the structure progresses. *NOTE:* If battery operated, the batteries should be replaced or recharged at regular intervals to preclude failure during operation.

OPTIONAL LIGHTING

J. Antenna structures shall be equipped with:

1. High intensity lighting for daytime use and red lighting for nighttime use as specified in FCC Form 715; or

2. High intensity lighting, 24 hours a day, which conforms to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems.



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE
AUXILIARY ANTENNA

Authorizing Official:

Official Mailing Address:

RADIO LICENSE HOLDING CBC, LLC
3280 PEACHTREE ROAD, NW
SUITE 2300
ATLANTA GA 30305

Penelope A. Dade
Supervisory Analyst
Audio Division
Media Bureau

Facility Id: 12965

Call Sign: KGGO

License File Number: BXLH-20111109AQQ

Grant Date: December 06, 2011

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

This license covers permit no.: BXPB-20101012ABV

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.

Callsign: KGGO

License No.: BXLH-20111109AQQ

Name of Licensee: RADIO LICENSE HOLDING CBC, LLC

Station Location: IA-DES MOINES

Frequency (MHz): 94.9

Channel: 235

Class: C0

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: 14.0 kW

Antenna type: Non-Directional

Description: ERI SHPX-4AC-HW

Antenna Coordinates: North Latitude: 41 deg 49 min 51 sec

West Longitude: 93 deg 43 min 53 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	15.0	15.0
Height of radiation center above ground (Meters):	145	145
Height of radiation center above mean sea level (Meters):	444	444
Height of radiation center above average terrain (Meters):	151	151

Antenna structure registration number: 1043027

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site 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 The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the usage of the antenna specified herein. If the licensee makes any changes in facilities via modification of license application in accordance with 47 CFR section 73.1690(c), the subsequent Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

*** END OF AUTHORIZATION ***


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Community of License: DES MOINES, IA
Service: FM
Fac Type: FM STATION
Status: LICENSED
Status Date:
Frequency: 94.9
Channel: 235
Digital Status:
Lic Expir: 02/01/2013 ✓
Licensee: RADIO LICENSE HOLDING CBC, LLC
Address: 3280 PEACHTREE ROAD, NW
Address 2: SUITE 2300
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Federal Communications Commission
 445 12th Street SW
 Washington, DC 20554
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Audio Division

FM Query Results

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[AM Query](#) [TV Query](#)

[FCC site map](#)

FM Query results are derived from the public files at <http://transition.fcc.gov/mb/databases/cdbs>. Requests to correct data should be referred to [Dale Bickel, dale.bickel@fcc.gov](mailto:dale.bickel@fcc.gov). Comments on the FM Query may be referred to [Dale Bickel, dale.bickel@fcc.gov](mailto:dale.bickel@fcc.gov).

Tue Nov 15 11:52:49 2011 Eastern time

Search Parameters

Callsign: KGGO
 Lower Channel: 200
 Upper Channel: 300

[Next Record](#)

KGGO IA DES MOINES USA

Licensee: RADIO LICENSE HOLDING CBC, LLC
 Service Designation: FM 'Full Service' FM station or application

Channel/Class: 235C0 Frequency: 94.9 MHz **Licensed**
 File No.: BMLH-19870212KB Facility ID number: 12965
 CDBS Application ID No.: 97734

41° 37' 54.00" N Latitude
 93° 27' 24.00" W Longitude (NAD 27)

Polarization: Horizontal Vertical

Effective Radiated Power (ERP): 100. 100. kW ERP
 Antenna Height Above Average Terrain: 325. 325. meters HAAT -- [Calculate HAAT](#)
 Antenna Height Above Mean Sea Level: 597. 597. meters AMSL
 Antenna Height Above Ground Level: 305. 305. meters AGL

Non-Directional Antenna ID No.: - Pattern Rotation: 0.00
 Antenna Make: CON Antenna Model: CONTINENTAL G5CPS-10
 No. of antenna sections: 10

Additional Individual Tower Information from the Antenna Structure Registration database.
 (Use the Registration Number link for detailed information.)

ASRN	Site Elevation (meters)	Overall Height Above Ground (meters)	Overall Height Above Mean Sea Level (meters)	NAD 83 Tower Coordinates			Convert to NAD 27
				Latitude	Longitude		
1028734	291.3	319.4	610.7	N 41° 37' 55.0"	W 93° 27' 27.0"		To NAD27

FAA: [FAA Study No. 1997-ACE-0742-OE](#) [Obstruction / Airport Airspace searches](#)

CDBS: [Station Info](#) [Application Info](#) [Mailing Address](#) [Assignments and Transfers](#)
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[Correspondence for KGGO](#) [Correspondence for application BMLH-19870212KB](#)

Map: [Service Contour on Google map \(60 dBu\)](#) [KML file \(60 dBu\)](#) for KML-capable earth browsers.
[USGS Topographic map for KGGO's transmitter site \(MSRMaps\)](#)

ULS: [Related facilities in ULS](#)
[ASRNs within 0.5 km radius](#)

[Previous Record](#) -- [Next Record](#)

KGGO IA DES MOINES USA

Licensee: RADIO LICENSE HOLDING CBC, LLC
 Service Designation: **FS** Auxiliary station (backup for the main station)

Channel/Class: 235C0 Frequency: 94.9 MHz **Licensed**
 File No.: BLH-19871218KE Facility ID number: 12965
 CDBS Application ID No.: 107836

41° 38' 47.00" N Latitude
 93° 32' 19.00" W Longitude (NAD 27)

Polarization: Horizontal Vertical

Effective Radiated Power (ERP): 58. 58. kW ERP
 Antenna Height Above Average Terrain: 87. 87. meters HAAT -- [Calculate HAAT](#)
 Antenna Height Above Mean Sea Level: 362. 362. meters AMSL
 Antenna Height Above Ground Level: 93. 93. meters AGL

Non-Directional Antenna ID No.: - Pattern Rotation: 0.00
 Antenna Make: COL Antenna Model: COLLINS 37CP-12, TWELVE BAYS, CIRCULARLY POLARIZED
 No. of antenna sections: 12

Additional Individual Tower Information from the Antenna Structure Registration database.
 (Use the Registration Number link for detailed information.)

ASRN	Site Elevation (meters)	Overall Height Above Ground (meters)	Overall Height Above Mean Sea Level (meters)	NAD 83 Tower Coordinates			Convert to NAD 27
				Latitude	Longitude		
1033958	267.0	110.6	377.7	N 41° 38' 47.0"	W 93° 32' 20.0"		To NAD27

FAA: [FAA Study No. 1997-ACE-0743-OE Obstruction / Airport Airspace searches](#)

CDBS: [Station Info](#) [Application Info](#) [Mailing Address](#) [Assignments and Transfers](#)
[Application List](#) [CDBS Search Page](#) [Ownership Info](#) [EEO](#) [Call Sign Changes](#)
[Correspondence for KGGO](#) [Correspondence for application BLH-19871218KE](#)

Map: [Service Contour on Google map \(60 dBu\)](#) [KML file \(60 dBu\)](#) for KML-capable earth browsers.
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ULS: [Related facilities in ULS](#)
[ASRNs within 0.5 km radius](#)

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KGGO IA DES MOINES USA

Licensee: RADIO LICENSE HOLDING CBC, LLC
 Service Designation: **FA** USED Allotment record

Channel/Class: 235C0 Frequency: 94.9 MHz
 File No.: --- Facility ID number: 12965
 CDBS Application ID No.: 291560

41° 37' 54.00" N Latitude
 93° 27' 24.00" W Longitude (NAD 27)

[Previous Record](#) -- [Next Record](#)

KGGO IA DES MOINES USA

Licensee: RADIO LICENSE HOLDING CBC, LLC

Service Designation: **FS** Auxiliary station (backup for the main station)

Channel/Class: 235C0 Frequency: 94.9 MHz **Construction Permit**
 File No.: BXPB-20101012ABV Facility ID number: 12965
 CDBS Application ID No.: 1401398

41° 49' 51.00" N Latitude
 93° 43' 53.00" W Longitude (NAD 27)

Polarization: Horizontal Vertical

Effective Radiated Power (ERP): 15. 15. kW ERP
 Antenna Height Above Average Terrain: 151. 151. meters HAAT -- [Calculate HAAT](#)
 Antenna Height Above Mean Sea Level: 444. 444. meters AMSL
 Antenna Height Above Ground Level: 145. 145. meters AGL

Non-Directional Antenna ID No.: - Pattern Rotation: 0.00

Additional Individual Tower Information from the Antenna Structure Registration database.
 (Use the Registration Number link for detailed information.)

ASRN	Site Elevation (meters)	Overall Height Above Ground (meters)	Overall Height Above Mean Sea Level (meters)	NAD 83 Tower Coordinates			Convert to NAD 27
				Latitude	Longitude		
1043027	299.0	164.0	463.0	N 41° 49' 51.0"	W 93° 43' 54.0"		To NAD27

FAA: FAA Study No. [1997-ACE-1253-OE](#) [Obstruction / Airport Airspace searches](#)

CDBS: [Station Info](#) [Application Info](#) [Mailing Address](#) [Assignments and Transfers](#)
[Application List](#) [CDBS Search Page](#) [Ownership Info](#) [EEO](#) [Call Sign Changes](#)
[Correspondence for KGGO](#) [Correspondence for application BXPB-20101012ABV](#)

Map: [Service Contour on Google map \(60 dBu\)](#) [KML file \(60 dBu\)](#) for KML-capable earth browsers.
[USGS Topographic map for KGGO's transmitter site \(MSRMaps\)](#)

ULS: [Related facilities in ULS](#)
[ASRNs within 0.5 km radius](#)

First Record

*** 4 Records Retrieved ***

Related Nonbroadcast Facilities: ULS Search

Using a broadcast station's facility ID number, you may search in the WTB's ULS database for nonbroadcast station records that are related to radio and TV broadcast stations, such as microwave facilities. Use the [ULS Radio Services List](#) to determine the nonbroadcast station's service. Not every AM, FM, or TV broadcast station will have related nonbroadcast operations.

Facility ID Number

Output will appear in a new browser window. [Alternate Form](#)

[Return to FM Query Data Entry screen](#)

Audio Division Main Page

Retrieve

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ASR Registration Search

Registration 1028734[Map Registration](#)**Registration Detail**

Reg Number	1028734	Status	Constructed
File Number	A0452798	Constructed	09/04/2002
FAA Study	97-ACE-0742-OE	EMI	No
FAA Issue Date	07/07/1997	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long 41-37-55.0 N 093-27-27.0 W 7504 NE 38TH AVE

City, State DES MOINES , IA

Center of
AM Array**Heights (meters)**

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
291.3	319.4
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
610.7	318.8

Painting and Lighting Specifications

FAA Chapters 4, 7, 13

Paint and Light in Accordance with FAA Circular Number 70/7460-1J

Owner & Contact Information

FRN 0003576667 Licensee ID L00074326

OwnerSaga Communications of Iowa, LLC
Attention To: Gregory Urbiel
73 Kercheval Avenue, Suite 201
Grosse Point Farms , MI 48236P: (313)886-7070
E: gurbiel@sagacom.com**Contact**Smithwick , Gary S
5028 Wisconsin Avenue, NW Suite 301
Washington , DC 20016P: (202)363-4050
E: gsmithwick@fccworld.com**Last Action Status**

Status	Constructed	Received	06/22/2005
Purpose	Admin Update	Entered	06/22/2005
Mode	Interactive		

Related Applications

06/22/2005 A0452798 - Admin Update (AU)
09/04/2002 A0280779 - Change Owner (OC)
09/04/2002 A0280828 - Notification (NT)
Related applications (5)

Comments

Comments

None

Automated Letters

06/23/2005 Authorization, Reference 432474
09/05/2002 Authorization, Reference 235719
09/05/2002 Ownership Change, Reference 235800
All letters (5)

CLOSE WINDOW

United States of America
FEDERAL COMMUNICATIONS COMMISSION
AUXILIARY ANTENNA
FM BROADCAST STATION LICENSE

File No. BLH-871218KE

Call Sign KGGO

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to conditions set forth in this license,¹ the LICENSEE

Stoner Broadcasting System, Inc.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time: February 1, 1990

The licensee shall use and operate said apparatus only in accordance with the following terms:

- 1. Frequency (MHz): 94.9 MHz
- 2. Transmitter output power: 9.6 kW
- 3. Effective radiated power: 58 kW (H&V)
- 4. Antenna height above
average terrain (~~xxx~~): 87 meters (H&V)
4(a) RC/AGL: 93 meters (H&V)
4(b) RC/AMSL: 362 meters (H&V)
- 5. Hours of operation: Unlimited - For auxiliary purposes only.
- 6. Station location: Des Moines, Iowa
- 7. Main studio location: 3900 N.E. Broadway
Des Moines, Iowa
- 8. Remote Control point: None

- 9. Antenna & supporting structure: North Latitude: 41 ° 38 ' 45 "
- West Longitude: 93 ° 32 ' 12 "

9(a). Overall tower height above ground level: 110 meters (including obstruction
lighting)

9(b). Collins 37 CP-12, 12 sections circularly polarized side mounted on the NW
tower of the KSO-AM array

- 10. Transmitter location: 3900 N.E. Broadway
Des Moines, Iowa

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

12. Obstruction markings specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 12, 21

13. Conditions: -

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

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 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.

✓ This license consists of this page and pages

Dated: March 9, 1989

GMC

FEDERAL COMMUNICATIONS COMMISSION



OBSTRUCTION MARKING AND LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES

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.

PAINTING

1 Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and bottom. The width of the bands shall be equal and approximately one-seventh the height of the structure, provided however, that the bands shall not be more than 100 feet nor less than 1½ feet in width. All towers shall be cleaned or repainted as often as necessary to maintain good visibility.

TOP LIGHTING

2 There shall be installed at the top of the tower at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. The two lights shall burn simultaneously from sunset to sunrise and shall be positioned so as to insure unobstructed visibility of at least one of the lights from aircraft at any normal angle of approach. A light sensitive control device or an astronomical dial clock and time switch may be used to control the obstruction lighting in lieu of manual control. When a light sensitive device is used it should be adjusted so that the lights will be turned on at a north sky light intensity level of about thirty-five foot candles and turned off at a north sky light intensity level of about fifty-eight foot candles.

3 There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

INTERMEDIATE LIGHTING (BEACONS)

4 At approximately one-half of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of the tower at the prescribed height.

5 At approximately two-fifths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

6 On levels at approximately two-thirds and one-third of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

7 On levels at approximately four-sevenths and two-sevenths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these bea-

cons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

8 On levels at approximately three-fourths, one-half and one-fourth of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of the beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

9 On levels at approximately two-thirds, four-ninths and two-ninths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10 On levels at approximately four-fifths, three-fifths, two-fifths and one-fifth of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be

THIS FORM IS A PART OF AND SHALL BE ATTACHED TO THE CURRENT INSTRUMENT OF AUTHORIZATION

installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.1 On levels at approximately eight-elevenths, six-elevenths, four-elevenths and two elevenths of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.2 On levels at approximately five-sixths, two-thirds, one-half, one-third and one-sixth of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.3 On levels at approximately ten-thirteenths, eight-thirteenths, six thirteenths, four-thirteenths and two-thirteenths of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

10.4 On levels at approximately six-sevenths, five-sevenths, four-sevenths, three-sevenths two-sevenths and one-seventh of the over-all height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event these beacons cannot be installed in a manner to insure unobstructed visibility of the beacons from aircraft at any normal angle of approach, there shall

be installed two such beacons at each level. Each beacon shall be mounted on the outside of diagonally opposite corners or opposite sides of the tower at the prescribed height.

(SIDE LIGHTS)

11 At the approximate mid point of the over-all height of the tower there shall be installed at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of at least one light at each level from aircraft at any normal angle of approach.

12 On levels at approximately two-thirds and one-third of the over-all height of the tower, there shall be installed at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of at least one light at each level from aircraft at any normal angle of approach.

13 On levels at approximately three-fourths and one-fourth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in aviation red obstruction light globe shall be installed on each outside corner of the structure.

14 On levels at approximately four-fifths, three-fifths and one-fifth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

15 On levels at approximately five-sixths, one-half, and one-sixth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of structure.

16 On levels at approximately six-sevenths, five-sevenths, three-sevenths and one-seventh of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

17 On levels at approximately seven-eighths, five-eighths, three-eighths and one-eighth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

18 On levels at approximately eight-ninths, seven-ninths, five-ninths, one-third and one-ninth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19 On levels at approximately nine-tenths, seven-tenths, one-half, three-tenths and one-tenth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19.1 On levels at approximately ten-elevenths, nine-elevenths, seven-elevenths, five-elevenths, three-elevenths and one-eleventh of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure. 19.2 On levels at approximately eleven-twelfths, three-fourths, seven-twelfths, five-twelfths, one-fourth and one-twelfth of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19.3 On levels at approximately twelve-thirteenths, eleven-thirteenths, nine-thirteenths, seven-thirteenths, five-thirteenths, three-thirteenths and one-thirteenth of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

19.4 On levels at approximately thirteen-fourteenths, eleven-fourteenths, nine-fourteenths, one-half, five-fourteenths three-fourteenths and one-fourteenth of the over-all height of the tower at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

20 All lighting shall be exhibited from sunset to sunrise unless otherwise specified.

21 All lights shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

22 During construction of an antenna structure, for which obstruction lighting is required, at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes, shall be installed at the uppermost point of the structure. In addition, as the height of the structure exceeds each level at which permanent obstruction lights will be required, two similar lights shall be displayed nightly from sunset to sunrise until the permanent obstruction lights have been installed and placed in operation, and shall be positioned so as to insure unobstructed visibility of at least one of the lights at any normal angle of approach. In lieu of the above temporary warning lights, the permanent obstruction lighting fixtures may be installed and operated at each required level as each such level is exceeded in height during construction.

**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554**

(FOR CHIEF, AUDIO DIVISION, MEDIA BUREAU)

DATE: 08/29/2003

<input checked="" type="checkbox"/> CONSENT TO ASSIGNMENT: <input type="checkbox"/> CONSENT TO TRANSFER:	FROM: WILKS LICENSE CO., LLC
	TO: CITADEL BROADCASTING COMPANY
Licensee/Permittee: (for transfer only)	

CLASS	CALL SIGN	FACILITY ID	FILE#	STATION LOCATION	AUXILIARY STATIONS
AM	KBGG	87105	BAL-20030515ABJ	DES MOINES, IA	ALL CURRENTLY
FM	KHKI	12966	BALH-20030515ABK	DES MOINES, IA	AUTHORIZED
FM	KGGO	12965	BALH-20030515ABL	DES MOINES, IA	AUXILIARY
FM	KJJY	22882	BALH-20030515ABM	WEST DES MOINES, IA	STATIONS
FM	KRKQ	30116	BALH-20030515ABN	BOONE, IA	
FM	KMEZ	12157	BALH-20030515ABO	BELLE CHASSE, LA	
FM	KKND	58395	BALH-20030515ABP	PORT SULPHUR, LA	
FM	WPRF	70279	BALH-20030515ABQ	RESERVE, LA	
FM	WOPR	49247	BALH-20030515ABR	LACOMBE, LA	
FM	KHTO	55165	BALH-20030515ABS	MOUNT VERNON, MO	
FM	KZRQ	2924	BALH-20030515ABT	ASH GROVE, MO	

Under authority of the Communications Act of 1934, as amended, the consent of the Federal Communications Commission is hereby granted to the transaction indicated above.

The Commission's consent to the above is based on the representations made by the applicants that the statements contained in, or made in connection with, the application are true and that the undertakings of the parties upon which this transaction is authorized will be carried out in good faith.

The actual consummation of voluntary transactions shall be completed within 90 days from the date hereof, and notice in letter form thereof shall promptly be furnished to the Commission by the buyer showing the date the acts necessary to effect the transaction were completed. Upon furnishing the Commission with such written notice, this transaction will be considered completed for all purposes related to the above described station(s).

FCC Form 323, Ownership Report, must be filed within 30 days after consummation, by the licensee/permittee or assignee.

ADDITIONAL REQUIREMENTS FOR ASSIGNMENTS ONLY:

Upon consummation the assignor must deliver the permit/license, including any modifications thereof to the assignee.

It is hereby directed that, upon consummation, a copy of this consent be posted with the station authorization(s) as required by the Commission's Rules and Regulations.

It is hereby directed that, upon consummation, a copy of this consent be posted with the station authorization(s) as required by the Commission's Rules and Regulations.

The assignee is not authorized to construct nor operate said station(s) unless and until notification of consummation in letter form has been forwarded to the Commission.



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CITADEL BROADCASTING COMPANY, DEBTOR-IN-POSSESSION

CITADEL BROADCASTING COMPANY, DEBTOR-IN-POSSE
7201 W. LAKE MEAD BLVD., SUITE 400
LAS VEGAS, NV 89128

Call Sign KFA301	File Number
Radio Service RP - Broadcast Auxiliary Remote Pickup	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN):

Grant Date 06-13-1985	Effective Date 08-16-2002	Expiration Date 02-01-2013	Print Date 01-21-2010
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of Operation

Operating within a 24.0 km radius around 41-38-11.6 N, 093-45-59.8 W,
DES MOINES, POLK county, IA

Antennas

Loc. No.	Ant. No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000161.76000000	MO	1		50K0F3E	90.000	477.000			

Control Points

Control Pt. No. 1

Address: 4143 109th Street

City: Urbandale

County: POLK

State: IA

Telephone Number: (515)331-9200

Broadcast Auxiliary Parent Station Facility ID Number. 12965

Waivers/Conditions:

NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CITADEL BROADCASTING COMPANY, DEBTOR-IN-POSSESSION

CITADEL BROADCASTING COMPANY, DEBTOR-IN-POSSE
7201 W. LAKE MEAD BLVD., SUITE 400
LAS VEGAS, NV 89128

Call Sign WPVT776	File Number
Radio Service RP - Broadcast Auxiliary Remote Pickup	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN):

Grant Date 08-19-2002	Effective Date 08-19-2002	Expiration Date 02-01-2013	Print Date 01-21-2010
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Address: 5650 NW 100TH ST
City: DES MOINES County: POLK State: IA
Lat (NAD83): 41-39-46.0 N Long (NAD83): 093-45-24.0 W ASR No.: 1028735 Ground Elev: 296.5

Antennas

Loc. No.	Ant. No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Date
1	1	000455.8500000	FB2	1		50K0F3E	100.000	461.000	30.5	30.5	

Control Points

Control Pt. No. 1
Address: 4143 109th Street
City: Urbandale County: POLK State: IA Telephone Number: (505)331-9200

Broadcast Auxiliary Parent Station Facility ID Number. 12965

Waivers/Conditions:

NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CITADEL BROADCASTING COMPANY, DEBTOR-IN-POSSESSION

CITADEL BROADCASTING COMPANY, DEBTOR-IN-POSSE
7201 W. LAKE MEAD BLVD., SUITE 400
LAS VEGAS, NV 89128

Call Sign WQA966	File Number
Radio Service RP - Broadcast Auxiliary Remote Pickup	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN):

Grant Date 06-13-1985	Effective Date 08-16-2002	Expiration Date 02-01-2013	Print Date 01-21-2010
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of Operation

Operating within a 24.0 km radius around 41-38-11.6 N, 093-45-59.8 W,
Urbandale, POLK county, IA

Loc. 2 Area of Operation

Operating within a 24.0 km radius around 41-38-11.6 N, 093-45-59.8 W,
Urbandale, POLK county, IA

Antennas

Loc. No.	Ant. No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000450.55000000	MO	1		50K0F3E	100.000	746.000			
1	1	000450.75000000	MO	1		50K0F3E	100.000	746.000			
2	1	000450.55000000	MO	5		50K0F3E	100.000	746.000			

Control Points

Control Pt. No. 1

Address: 4143 109th Street

City: Urbandale

County: POLK

State: IA

Telephone Number: (515)331-9200

Broadcast Auxiliary Parent Station Facility ID Number. 12965

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CITADEL BROADCASTING COMPANY, DEBTOR-IN-POSSESSION

CITADEL BROADCASTING COMPANY, DEBTOR-IN-POSSE
7201 W. LAKE MEAD BLVD., SUITE 400
LAS VEGAS, NV 89128

Call Sign WPWH992	
File Number	
Radio Service AS - Aural Studio Transmitter Link	
SMSA	Station Class FXO

FCC Registration Number (FRN):

Grant Date 11-20-2002	Effective Date 11-20-2002	Expiration Date 02-01-2013	Print Date 01-21-2010
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LOCATION

Fixed Location Address or Area of Operation:

NW 100th Street

City: Grimes **County:** POLK **State:** IA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	KJJY Main Site	41-39-53.0 N	093-45-25.0 W	296.6	1061891
002	KGGO Site	41-37-55.0 N	093-27-27.0 W	291.3	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
950.5	0.00025	500KF9W	53.000		001	1	001	43.9	22.0	11.0	V	98.2	002	

Waivers/Conditions:

The Facility ID of the Associated Broadcast Parent Station for this license is 12965.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



Federal Communications Commission
Wireless Telecommunications Bureau
Radio Station Authorization

Licensee: CITADEL BROADCASTING COMPANY

CITADEL BROADCASTING COMPANY
7201 W LAKE MEAD BLVD STE 400
LAS VEGAS NV 89128-8366

FCC Registration Number (FRN) 0001595214	
Call Sign WPWH992	
File Number	
Radio Service AS - Aural Studio Transmitter Link	
SMSA	Station Class FX0

Grant Date 11-20-2002	Effective Date 11-20-2002	Print Date 03-03-2006	Expiration Date 02-01-2013
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LOCATION

Fixed Location Address or Area of Operation

NW 100th Street

City Grimes	County POLK	State IA
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Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	KJJY Main Site	41-39-53.0 N	93-45-25.0 W	296.6	1061891
002	KGGD Site	41-37-55.0 N	93-27-27.0 W	291.3	

FREQUENCY PATHS

Frequency (MHz)	To1 (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant (m)	Hgt (m)	Gain (dBi) Reflector Ht(m)xWd(m)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
950.5	0.00025	500KF9W	53.0		001	1	001	43.9		22.0 11.0	V		98.2	002	

Additional Waivers/Conditions: The Facility ID of the Associated Broadcast Parent Station for this license is 12965.

Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 606.

JM



Federal Communications Commission
Wireless Telecommunications Bureau

1367

RADIO STATION AUTHORIZATION

Licensee: CITADEL BROADCASTING COMPANY

FCC Registration
Number (FRN): 0005002027

CITADEL BROADCASTING COMPANY
7201 W LAKE MEAD BLVD STE 400
LAS VEGAS NV 89128-8366

Call Sign WQA966	File Number
Radio Service RP - Broadcast Auxiliary Remote Pickup	
Regulatory Status PMRS	
Frequency Coordination Number	

Grant Date 06-13-1985	Effective Date 08-16-2002	Expiration Date 02-01-2013	Print Date 03-03-2006
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Area of Operation
Operating within a 24.0 km radius around 41-38-11.6 N 93-45-59.8 W,
Urbandale, POLK, IA.
- Loc. 2 Area of Operation
Operating within a 24.0 km radius around 41-38-11.6 N 93-45-59.8 W,
Urbandale, POLK, IA.

Antennas

Loc. No.	Ant. No.	Frequencies (MHZ)	Sta. CIs..	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	450.550000	MD	1	0	50K0F3E	100.000	746.000			
1	1	450.750000	MD	1	0	50K0F3E	100.000	746.000			
2	1	450.550000	MD	5	0	50K0F3E	100.000	746.000			

Control Points

Control Address

Pt. No.	Address	City	County	State	Telephone Number
1	4143 109th Street	Urbandale	POLK	IA	(515)331-9200

Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 606.



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

Licensee: CITADEL BROADCASTING COMPANY

FCC Registration
Number (FRN): 0001595214

CITADEL BROADCASTING COMPANY
7201 W LAKE MEAD BLVD STE 400
LAS VEGAS NV 89128-8366

Call Sign WPVT776	File Number
Radio Service RP - Broadcast Auxiliary Remote Pickup	
Regulatory Status PMRS	
Frequency Coordination Number	

Grant Date 08-19-2002	Effective Date 08-19-2002	Expiration Date 02-01-2013	Print Date 03-03-2006
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1
Address 5650 NW 100TH ST
City DES MOINES County POLK State IA
Lat (NAD83): 41-39-46.0 N Long (NAD83): 93-45-24.0 W ASR No.: 1028735 Ground Elev: 296.5

Antennas

Loc. No.	Ant. No.	Frequencies (MHZ)	Sta. CIs.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	455.850000	FB2	1	0	50K0F3E	100.000	461.000	30.5	30.5	

Control Points

Control Address
Pt. No. 1
4143 109th Street
City Urbandale County POLK State IA Telephone Number (505)331-9200

Broadcast Auxiliary Parent Station Facility ID Number. 12965

Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 606.



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

Licensee: CITADEL BROADCASTING COMPANY

FCC Registration
Number (FRN): 0005002027

CITADEL BROADCASTING COMPANY
7201 W LAKE MEAD BLVD STE 400
LAS VEGAS NV 89128-8366

Call Sign KFA301	File Number
Radio Service RP - Broadcast Auxiliary Remote Pickup	
Regulatory Status PMRS	
Frequency Coordination Number	

Grant Date 06-13-1985	Effective Date 08-16-2002	Expiration Date 02-01-2013	Print Date 03-03-2006
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc.
1 Area of Operation
Operating within a 24.0 km radius around 41-38-11.6 N 93-45-59.8 W,
DES MOINES, POLK, IA.

Antennas

Loc. No.	Ant. No.	Frequencies (MHZ)	Sta. CIs.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	161.760000	MD	1	0	50K0F3E	90.000	477.000			

Control Points

Control Address

Pt. No. 1
4143 109th Street
City Urbandale County POLK State IA Telephone Number (515)331-9200

Broadcast Auxiliary Parent Station Facility ID Number. 12965

Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 606.