



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

NEW INSPIRATION BROADCASTING COMPANY, INC.
 4880 SANTA ROSA ROAD
 CAMARILLO CA 93012

Susan N. Crawford
 Senior Engineer
 Audio Division
 Media Bureau

Grant Date:

This license expires 3:00 a.m.
 local time, December 01, 2021.

Facility Id: 50300

Call Sign: KFIA

License File Number: BL-19961015AC

License re-issued May 4, 2015, by SNC, to add a Special Operating Condition authorizing the use of modulation dependent carrier level (MDCL) control technology.

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

Name of Licensee: NEW INSPIRATION BROADCASTING COMPANY, INC.

Station Location: CARMICHAEL, CA

Frequency (kHz): 710

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 49 Min 58 Sec
Longitude: W 121 Deg 19 Min 03 Sec

Night

Latitude: N 38 Deg 49 Min 58 Sec
Longitude: W 121 Deg 19 Min 03 Sec

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

Nominal Power (kW): Day: 25.0 Night: 1.0

Antenna Input Power (kW): Day: 26.3 Night: 1.1

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 22.95 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Table with 3 columns: Tower No., ASRN, Overall Height (m). Rows: 1 1014126, 2 1014128, 3 1014131

Night:

Table with 3 columns: Tower No., ASRN, Overall Height (m). Rows: 1 1014126, 2 1014127, 3 1014128, 4 1014129, 5 1014130

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1439.8 Night: 351.3

Standard RMS (mV/m/km): Day: 1512.7 Night: 369.2

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1 | 0.1270 | -18.900 | 181.6000 | 39.300 | 0 | 85.3 |
| 2 | 1.0000 | 0.000 | 0.0000 | 0.000 | 0 | 85.3 |
| 3 | 0.9740 | 32.500 | 141.9000 | 162.100 | 0 | 85.3 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1 | 0.3070 | -79.600 | 181.6000 | 39.300 | 0 | 85.3 |
| 2 | 0.7630 | 143.500 | 99.5000 | 45.100 | 0 | 85.3 |
| 3 | 1.0000 | 0.000 | 0.0000 | 0.000 | 0 | 85.3 |
| 4 | 0.8420 | -140.000 | 96.6000 | 222.400 | 0 | 85.3 |
| 5 | 0.3110 | 84.300 | 187.6000 | 219.200 | 0 | 85.3 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1 | -16.3 | 0.137 |
| 2 | 0 | 1 |
| 3 | 30.6 | 0.973 |

Night Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1 | -78.3 | 0.307 |
| 2 | 143.3 | 0.751 |
| 3 | 0 | 1 |
| 4 | -141.7 | 0.886 |

Night Directional Operation:

| Twr. Phase No. (Deg.) | Antenna Monitor Sample Current Ratio |
|-----------------------|--------------------------------------|
| 5 72.8 | 0.295 |

Antenna Monitor: POTOMAC INSTUMENTS AM-1900

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) |
|-----------------|--------------------------------|-------------------------------|
| 156 | 7.83 | 10.9 |
| 347.5 | 8.5 | 134.1 |

Night Operation:

| Radial (Deg. T) | Distance From Transmitter (kM) | Maximum Field Strength (mV/m) |
|-----------------|--------------------------------|-------------------------------|
| 26.5 | 8.1 | 3.7 |
| 106.5 | 5.08 | 7.7 |
| 156 | 7.83 | 7 |
| 323 | 8.92 | 1.8 |
| 341.5 | 7.55 | 1.8 |

Special operating conditions or restrictions:

- 1 Ground system consists of 120 buried, equally spaced, copper radials, each 106 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded, plus a 7.3 meter by 7.3 meter ground screen at the base of each tower.

Special operating conditions or restrictions:

2 DESCRIPTION OF MONITORING POINTS:

Direction 26.5 Degrees True North. From gate of transmitter building, drive north on road 0.44 miles to Athens Avenue. Go east on Athens Avenue 0.60 miles to Industrial Boulevard. Drive north on Industrial Boulevard 1.95 miles to the intersection of Industrial Boulevard and Highway 65. Go north on Highway 65 2.2 miles to 7th Street in Lincoln, CA. Take 7th Street East 0.49 miles to East Avenue. Go north on East Avenue 0.21 miles to East 9th Street. Go east on East 9th Street 0.35 miles to Sparta Way. Go north on Sparta Way 0.02 miles to residence at 921 Sparta Way. Read point at curb in center of driveway at 921 Sparta Way. This is point number 23, 8.10 kilometers from the antenna.

Direction 106.5 Degrees True North. From transmitter building drive north on road 0.44 miles to Athens Avenue. Proceed east on Athens Avenue 0.60 miles to Industrial Boulevard. Go south on Industrial Boulevard 1.65 miles to Placer Boulevard. Go east on Placer Boulevard which merges into Sunset Boulevard. Continue east on Sunset Boulevard 2.36 miles to Park Drive. Go northeast on Park Drive 1.48 miles to Shelton Street. Go northwest on Shelton Street 0.20 miles to Swinden Road. Go southwest on Swinden Road 0.32 miles around corner to right residence at 5357 Swinden Road. Read point at 5357 at curb in the driveway in front of the single-car garage door. This is point number 16, 5.08 kilometers from the antenna.

Direction 156 Degrees True North. From the transmitter building drive north on road 0.44 miles to Athens Road. Proceed east on Athens Road 0.60 miles to Industrial Avenue. Go south on Industrial Avenue 4.40 miles to intersection with Washington Boulevard. Go south on Washington Boulevard 0.45 miles to Diamond Oaks Road. Proceed east on Diamond Oaks Road 1.09 miles to Nicklaus Circle. Go northeast (left) on Nicklaus Court 0.13 miles to residence at 2018 Nicklaus Circle. Read point at curb in middle of driveway at 2018. This is point number 22, 7.83 kilometers from the antenna.

Direction 323 Degrees True North. From gate of transmitter building, drive north on road 0.44 miles to Athens Avenue. Go west on Athens Avenue 1.83 miles to Fiddymment Road. Drive north on Fiddymment Road 2.1 miles to Moore Road. Go east 0.5 miles to Nelson Lane. Turn north on Nelson Lane 2.1 miles to Nicolaus Road. Proceed west on Nicolaus Road 2.21 miles to a point on the North shoulder of Nicolaus Road 0.16 miles west of Dowd Road. Read point at the mail box opposite the metal gate at driveway of trailer-type home on north side of Nicolaus Road. This is point number 26, 8.92 kilometers from the antenna.

Direction 341.5 Degrees True North. From gate of transmitter building, drive north on road 0.44 miles to Athens Avenue. Go west on Athens Avenue 1.83 miles to Fiddymment Road. Drive north on Fiddymment Road 2.1 miles to Moore Road. Go east 0.5 miles to Nelson Lane. Turn north on Nelson Lane 2.1 miles to Nicolaus Road. Proceed west on Nicolaus Road 0.19 miles to a point on the North shoulder opposite large, square fence post located about midway between two telephone poles. This is point number 26, 7.55 kilometers from the antenna.

Direction 347.5 Degrees True North. From gate of transmitter building, drive north on road 0.44 miles to Athens Avenue. Go west on Athens Avenue 1.83 miles to Fiddymment Road. Drive north on Fiddymment Road 2.1 miles to Moore Road. Go east 0.5 miles to Nelson Lane. Turn north on Nelson Lane 2.05 miles to Nicolaus Road. Cross Nicolaus Road onto Aviation Boulevard. Proceed north on Aviation Boulevard 0.7 miles to the building numbered 1751 on the east side of Aviation Boulevard. Read point on west side shoulder of Aviation Boulevard midway between the southwest corner of building 1751 and the north end of the parking lot for building 1601. This is point number 26, 8.5 kilometers from the antenna.

Special operating conditions or restrictions:

- 3 Waiver of 47 C.F.R. Section 73.1560(a) is granted to permit the licensee to operate with modulation dependent carrier level (MDCL) control technology, which reduces transmitter power at certain modulation levels.

- 4 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.

*** END OF AUTHORIZATION ***