



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

CARON BROADCASTING, INC.
 4880 SANTA ROSA ROAD
 CAMARILLO CA 93012

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Grant Date: July 29, 2003

This license expires 3:00 a.m.
 local time, December 01, 2004.

Facility Id: 4622

Call Sign: WSDZ

License File Number: BL-20020909ABQ

This License Covers Permit No.: BP-19990714AG

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

Callsign: WSDZ

License No.: BL-20020909ABQ

Name of Licensee: CARON BROADCASTING, INC.

Station Location: BELLEVILLE, IL

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 27 Min 31 Sec

Longitude: W 89 Deg 57 Min 41 Sec

Night

Latitude: N 38 Deg 27 Min 31 Sec

Longitude: W 89 Deg 57 Min 41 Sec

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

Nominal Power (kW): Day: 20.0 Night: 5.0

Antenna Input Power (kW): Day: 21.05 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 20.52 Night: 10.4

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	57.4
2	None	57.4
3	None	57.4
4	None	57.4
5	None	57.4

Night:

Tower No.	ASRN	
1	None	57.4
2	None	57.4
3	None	57.4
4	None	57.4
5	None	57.4

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1507.5 Night: 651.8
 Standard RMS (mV/m/km): Day: 1584.5
 Augmented RMS (mV/m/km): Night: 688.69
 Q Factor: Day: 68.94 Night: 22.36

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	85.0
2	0.5910	63.300	170.0000	340.000	0	85.0
3	0.5010	142.100	62.4000	154.400	0	85.0
4	0.4560	278.400	61.6000	16.100	0	85.0
5	0.8850	197.000	110.8000	335.800	0	85.0

* 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	0.4080	346.000	0.0000	0.000	0	85.0
2	0.5230	155.600	170.0000	340.000	0	85.0
3	0.4090	202.500	340.0000	340.000	0	85.0
4	1.0000	0.000	510.0000	340.000	0	85.0
5	0.5340	176.000	680.0000	340.000	0	85.0

* 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	0.0	10.0	525.90
2	44.5	10.0	413.49
3	57.0	16.0	45.06
4	70.0	10.0	28.97
5	83.0	10.0	61.16
6	140.0	10.0	899.01
7	155.0	10.0	735.39
8	160.0	10.0	719.59

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
9	165.0	10.0	734.30
10	237.0	10.0	42.65
11	250.0	10.0	25.75
12	263.0	10.0	61.16
13	287.5	15.0	801.87
14	307.5	25.0	723.01
15	320.0	20.0	526.64
16	330.0	20.0	466.71
17	340.0	20.0	450.62
18	350.0	20.0	466.71

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	67.3	0.772
3	123.6	0.528
4	-71.9	0.311
5	-145.4	1.063

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-17	0.288
2	148.7	0.491
3	-129.4	0.362
4	0	1
5	179.4	0.535

Antenna Monitor: POTOMAC INSTRUMENTS TYPE 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)
50.5	3.02	137.97
75	5.05	150
170	5.49	59.18
215	3.19	44.15
258.5	5.19	38.44

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
44.5	8.39	47.2
80	5.4	7.69
160	5.08	138.4
250	7.37	3.4
260	5.23	11.03
340	5.39	92.08

Special operating conditions or restrictions:

1 MONITOR POINT DESCRIPTIONS

Daytime:

50.5 - From transmitter building proceed east on Schlueter Germain Road 2.25 km to the intersection of Old Freeberg Road. Turn left and proceed north on Old Freeberg Road 0.1 km to Green Mount Road. Turn right and proceed east on Green Mount Road 0.75 km to Route 13 / 15. Turn right and proceed south on Route 13 /15 0.2 km to entrance of driveway at "1478" Route 13/ 15. Turn right and proceed west 0.05 km in parking lot to monitor point next to mailbox.

75 - From transmitter building proceed east on Schlueter Germain Road 2.25 km to the intersection of Old Freeberg Road. Turn left and proceed north on Old Freeberg Road 0.1 km to Green Mount Road. Turn right and proceed east on Green Mount Road 0.75 km to Route 13 / 15. Turn right and proceed south 1.61 km on Route 13 /15 to Jefferson Road. Turn left and proceed east 1.77 km on Jefferson Road to S.A.V.E. Road. Turn left and proceed north 0.24 km on S.A.V.E. Road to monitor point next to mailbox at "3122" S.A.V.E. Road.

170 - From transmitter building proceed west 1.93 km on Schlueter Germain Road to Route 159. Turn left on Route 159 and proceed south 4.35 km to Douglas Road. Turn left and proceed east 2.42 km to Kraft Road. Turn right proceed south 1.45 km to Holbrook School Road. Turn left and proceed 0.4 km to monitor point located next to white pole at side of road.

Special operating conditions or restrictions:

- 2 215 - From transmitter building proceed west 1.93 km on Schleuter Germain Road to Route 159. Turn left on Route 159 and proceed south 3.23 km to Country School Lane. Turn left on Country School Lane and proceed east 0.21 km to monitor point located across from second power pole.
- 258.5 - From transmitter building proceed west 1.93 km on Schleuter Germain Road to Route 159. Turn left on Route 159 and proceed south 1.94 km to Schmidt Road. Turn right on Schmidt Road and proceed 3.23 km to Park Road. Turn right on Park Road and proceed 0.32 km to monitor point located in driveway at pole with no trespassing sign.
- 3 Night:
- 44.5 - From transmitter building proceed east on Schlueter Germain Road 2.25 km to the intersection of Old Freeberg Road. Turn left and proceed north on Old Freeberg Road 0.1 km to Green Mount Road. Turn right and proceed east on Green Mount Road 4.6 km to Route 177. Turn right and proceed south on Route 177 3.3 km to Radio Range Road. Turn left and proceed north on Radio Range Road 0.9 km to monitor point located in center of road across from sign post.
- 80.0 - From transmitter building proceed east on Schlueter Germain Road 2.25 km to the intersection of Old Freeberg Road. Turn left and proceed north on Old Freeberg Road 0.1 km to Green Mount Road. Turn right and proceed east on Green Mount Road 0.75 km to Route 13 / 15. Turn right and proceed south 1.61 km on Route 13 / 15 to Jefferson Road. Turn left and proceed east 2.35 km on Jefferson Road to "Y". Turn right proceed north 10 meters on White Oaks Club Road to monitor point located across from road sign.
- 160 - From transmitter building proceed east on Schlueter Germain Road 2.25 km to the intersection of Old Freeberg Road. Turn left and proceed north on Old Freeberg Road 0.1 km to Green Mount Road. Turn right and proceed east on Green Mount Road 0.75 km to Route 13 / 15. Turn right and proceed south 2.82 km on Route 13/15 through the town of Freeberg to Hill Mine Road. Turn right and proceed west 1.61 km on Hill Mine Road to junction with Holcomb School Road. Turn right at junction and proceed west on Holcomb School Road 1.53 km to monitor point located by tree next to pond.
- 250 - From transmitter building proceed west 1.93 km on Schleuter Germain Road to Route 159. Turn left on Route 159 and proceed south 1.94 km to Schmidt Road. Turn right on Schmidt Road and proceed 5.16 km to Roachtown Road. Turn left on Roachtown Road and proceed south 1.61 km to monitor point located in center of road by pond.
- 260 - From transmitter building proceed west 1.93 km on Schleuter Germain Road to Route 159. Turn left on Route 159 and proceed south 1.94 km to Schmidt Road. Turn right on Schmidt Road and proceed 3.23 km to Park Road. Turn right on Park Road and proceed 0.35 km to monitor point located in field approximately 10 meters from One Lane Bridge sign.
- 340 - From transmitter building proceed west 1.93 km on Schleuter Germain Road to Route 159. Turn right on Route 159 and proceed north 4.6 km crossing State Route 13 at "stop light" to Van Buren Street. Turn right on Van Buren Street and proceed east 0.1 km to monitor point located in vacant lot behind McDonald's restaurant 10 meters north of stone enclosure.

*** END OF AUTHORIZATION ***