



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

CHRISTIAN BROADCASTING, INC.  
PO BOX 210389  
ANCHORAGE AK 99521

Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Grant Date: July 22, 2011

This license expires 3:00 a.m.  
local time, February 01, 2014.

Facility Id: 53491

Call Sign: KVNT

License File Number: BL-20101207AFW

This license covers permit no.: BP-20070830ADV

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. | 9:45 AM | 4:30 PM  | Jul. | 4:00 AM | 10:00 PM |
| Feb. | 8:45 AM | 5:45 PM  | Aug. | 5:15 AM | 9:00 PM  |
| Mar. | 7:15 AM | 7:00 PM  | Sep. | 6:30 AM | 7:30 PM  |
| Apr. | 5:45 AM | 8:15 PM  | Oct. | 7:30 AM | 6:00 PM  |
| May  | 4:30 AM | 9:30 PM  | Nov. | 9:00 AM | 4:30 PM  |
| Jun. | 3:45 AM | 10:15 PM | Dec. | 9:45 AM | 4:00 PM  |

Callsign: KVNT

License No.: BL-20101207AFW

Name of Licensee: CHRISTIAN BROADCASTING, INC.

Station Location: EAGLE RIVER, AK

Frequency (kHz): 1020

Station Class: A

Antenna Coordinates:

Day

Latitude: N 61 Deg 29 Min 07 Sec

Longitude: W 149 Deg 45 Min 50 Sec

Night

Latitude: N 61 Deg 29 Min 07 Sec

Longitude: W 149 Deg 45 Min 50 Sec

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

Nominal Power (kW): Day: 10.0 Night: 10.0

Antenna Input Power (kW): Day: 10.0 Night: 10.5

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 9.28 Night: 14.5

Resistance (ohms): Day: 116 Night: 50

Non-Directional Antenna: Day

Radiator Height: 105.8 meters; 129.6 deg

Theoretical Efficiency: 331.5 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1019797 |                    |

Night:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1019797 |                    |
| 2         | None    | 59.8               |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 997.53  
 Standard RMS (mV/m/km): Night: 1047.93  
 Augmented RMS (mV/m/km):  
 Q Factor: Night: 31.62

Theoretical Parameters:

Night 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                  | 129.6         |
| 2         | 0.5800      | -60.000        | 120.0000       | 292.000            | 0                  | 73.2          |

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Night Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1        | 0            | 0.84                                 |
| 2        | 64           | 1                                    |

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

| Radial (Deg. T) | Distance From Transmitter (kM) | Maximum Field Strength (mV/m) |
|-----------------|--------------------------------|-------------------------------|
| 112.5           | 2.82                           | 66.5                          |

Special operating conditions or restrictions:

- 1 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 73.5 meters in length.

Special operating conditions or restrictions:

2 DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 112.5° True North: Leaving the transmitter proceed east along gravel forest road for 1.8 miles to the Goose Bay Road. Turn right for one-fifth mile to the measuring location. This is point #7 and lies at a distance of 1.75 miles. The field intensity measured at this point should not exceed 66.5 mV/m.

\*\*\* END OF AUTHORIZATION \*\*\*