



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

Facility Id: 53491

Call Sign: KVNT

License File Number: BL-19861124AE

Grant Date:

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

This license covers permit no.: BP-19850709AJ

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-19861124AE

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 03 Sec

Longitude: W 149 Deg 45 Min 52 Sec

Night

Latitude: N 61 Deg 29 Min 03 Sec

Longitude: W 149 Deg 45 Min 52 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: 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	

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	0.5800	0.000	0.0000	0.000	0	73.2
2	1.0000	60.000	120.0000	112.000	0	129.6

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Antenna Monitor: POTOMAC INSTRUMENTS AM-19

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.

*** END OF AUTHORIZATION ***