



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

JUNEAU ALASKA COMMUNICATIONS, LLC
3161 CHANNEL DRIVE
JUNEAU AK 99801

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: October 19, 2005

Facility Id: 161171

Call Sign: KXXJ

Permit File Number: BNP-20041029AGJ

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	8:30 AM	3:45 PM	Jul.	3:15 AM	8:45 PM
Feb.	7:30 AM	5:00 PM	Aug.	4:15 AM	7:45 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:30 AM	6:15 PM
Apr.	4:45 AM	7:15 PM	Oct.	6:30 AM	5:00 PM
May	3:30 AM	8:15 PM	Nov.	7:45 AM	3:45 PM
Jun.	2:45 AM	9:00 PM	Dec.	8:45 AM	3:00 PM

Name of Permittee: JUNEAU ALASKA COMMUNICATIONS, LLC

Station Location: JUNEAU, AK

Frequency (kHz): 1330

Station Class: B

Antenna Coordinates:

Day

Latitude: N 58 Deg 19 Min 54 Sec

Longitude: W 134 Deg 27 Min 46 Sec

Night

Latitude: N 58 Deg 19 Min 54 Sec

Longitude: W 134 Deg 27 Min 46 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: 3.5

Antenna Mode: Day: ND Night: ND

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	48

Night:

Tower No.	ASRN	
1	None	48

Non-Directional Antenna: Day

Radiator Height: 47 meters;

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73

Tower No.	A	B
1	75.0	15.00

Theoretical Efficiency: 307.73 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 47 meters;

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73

Tower No.	A	B
1	75.0	15.00

Theoretical Efficiency: 307.73 mV/m/kw at 1km

Special operating conditions or restrictions:

- 1 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 2 Prior to construction of the tower(s) authorized herein, permittee shall notify AM Station KJNO so that station may determine operating power by a method described in Section 73.51(a)(1) or (d). Permittee shall be responsible for installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of that station. Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, antenna impedance measurements of the AM station shall be made and sufficient field strength measurements, taken at a minimum of 8 locations along each of six equally spaced radials, shall be made to establish that the radiation pattern is essentially omnidirectional. Prior to or simultaneous with the filing of the application for license to cover this permit, the results of the field strength measurements and the impedance measurements shall be submitted to the Commission in an application on FCC Form 302 notifying of the AM station's return to the direct method of power determination.
(See Section 73.45(c), FCC Rules.)
- 3 Ground system consists of 120 equally spaced, buried, copper radials about the base of tower, each 56.4 meters in length except where terminated by property boundaries.
- 4 Before program tests are authorized, permittee shall submit sufficient current distribution measurement data to establish clearly that the current distribution approximates that of an antenna with electrical height of 90 degrees, as proposed.

*** END OF AUTHORIZATION ***