

## UNITED STATES OF AMERICA FEDERAL COMMUNICATIONS COMMISSION

## RADIO STATION AUTHORIZATION

Name: Alascom, Inc.

Authorization Type: Renewal of License

Call Sign: KR73

File Number: SES-RWL-20170614-00649

Common Carrier

Grant date: 06/15/2017

**Expiration Date:** 

07/16/2032

Nature of Service: Domestic Fixed Satellite Service

Class of Station: Fixed Earth Stations

A) Site Location(s)

Elevation **Special Provisions** (Meters) # Site ID Address NAD (Refer to Section H) Latitude Longitude 1) 1 70°38'14.0"N 160°1'29.0"W 4.6 UNK WAINWRIGHT, AK

Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning July 16, 2017 (3 AM Eastern Standard Time) and ending July 16, 2032 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is 00/00/0000. Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

#### B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands. The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

	Frequency # (MHz)	Polarizatio Code	on Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services	٠
-	1) 5925.0000-6425.0000	H,V	30F9	Tx	49.90	47.90	1 ,			
	2) 5925.0000-6425.0000	H,V	445F9Y	Tx	49.60	32.80	1			
	3) 5925.0000-6425.0000	H,V	13K3G1E	Tx	48.00	43.70	1			
	4) 5925.0000-6425.0000	H,V	24K0G1D	Tx	40.60	33.80	1			
	5) 5925.0000-6425.0000	H,V	26K7G1W	Tx	51.10	43.80	1,			
	6) 5925.0000-6425.0000	H,V	390KG7W	Tx	65.50	47.40	1			
	7) 5925.0000-6425.0000	H,V	53K3G1W	Tx	54.10	43.80	1			
	8) 5925.0000-6425.0000	H,V	75K6G1D	Tx	54.20	42.70	1			
	9) 5925.0000-6425.0000	H,V	86K4G1D	Tx	54.80	42.80	1			



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f of the tex		er to section i	1,		Max EIRP	Max EIRP Density		Special Provisions	
#	Frequency # (MHz)		Polarization Code Emission		/Carrier (dBW)	/Carrier (dBW/4kHz)	Associated Antenna	(Refer to Section H)	Modulation/ Services
10) 3700.	.0000-4200.0000	H,V	30F9	Rx			1		
11) 3700.	0000-4200.0000	H,V	445F9Y	Rx			1		
12) 3700.	0000-4200.0000	H,V	13K3G1E	Rx			1		
13 <sup>-</sup> ) 3700.	0000-4200.0000	H,V	24K0G1D	Rx			1		
14) 3700.	0000-4200.0000	H,V	25000F9	Rx			1		
15) 3700.	0000-4200.0000	H,V	26K7G1W	Rx		•	1		
16) 3700.	0000-4200.0000	H,V	390KG7W	Rx			1		
17) 3700.	0000-4200.0000	H,V	53K3G1W	Rx			1		
18) 3700.	0000-4200.0000	H,V	75K6G1D	Rx			1		
19) 3700.	0000-4200.0000	H,V	86K4G1D	Rx			1		

## C) Frequency Coordination Limits

	Frequency Limits	Satellite Arc (Deg. Long.)		Elevation (Degrees)				Max EIRP Density toward	I	المداد
#	(MHz)	East Limit	West Limit	East Limit	West Limit	East Limit	West Limit			Associated Antenna(s)
1)	5925.0000-6425.0000	115.0W	-150.0W	05.0-	-10.5	133.3	-169.4	13.3	1	

### D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

<sup>1) 1</sup> to Permitted Space Station List



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#### E) Antenna Facilities

	Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Provisions (Refer to Section H)
1		1	1	4.5	ANDREW CORPORATION	MODEL ESA5-40	5A 4.6	7 AGL/ 11.6 AMSL	
	Max	Gains(s):	43.7	dBi @	4.0000 GHz 46.	8 dBi @ 6.0	000 GHz		
	Maxi	mum total inpu	t power	at anten	na flange (Watts) =	.00			
	Maxi	mum aggregate	output 1	EIRP for a	all carriers (dBW) =	.00			

#### F) Remote Control Point:

210 EAST BLUFF DRIVE

Call Sign: KR73

ANCHORAGE, AK 99501

1-800-252-7521

### G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

## H) Special and General Provisions

- A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:
  - 4 --- Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (IBFS) in the "Other Filings" tab within 10 days of the change.
  - 5 --- Licensee must notify the Commission when an earth station is no longer operational or when it has not been used to provide any service during any 6-month operation.
  - 6 --- Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.
  - 2300 --- Authority is granted to operate this station by remote control provided that: (1)the parameters of the transmissions of this station monitored at the remote control point, and the operational functions sufficient to ensure that the operations of this station are in full compliance with the station authorization at all times; (2) upon detection by the grantee, or upon notification from the Commission, of a deviation of the operation of this station, transmissions shall be immediately suspended until the deviation is corrected, except that transmissions concerning the immediate safety of life or property may be conducted for the duration of such emergency; and (3) the grantee shall have available, at all times, the technical personnel necessary to perform the technical servicing and maintenance of this station expeditiously. See also Public Notice "The International Bureau Provides Guidance Concerning the Relocation of Earth Station Remote Control Points", DA 06-978 (rel. May 4, 2006).



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#### H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

90398 --- Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (see 47 C.F.R. §§1.1307, 1.1308 and 1.1311)

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R.§ 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station is not ready for operation by the required date of completion of construction unless an application for modification of authorization to request additional time to complete construction is filed by that date, together with a showing that failure to complete construction by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulates is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.