UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Name: Alaska Communications Internet, LLC
Call Sign: E170205
Authorization Type: Modification of License
File Number: SES-MOD-20190828-01106
Non Common Carrier **Grant date:** 01/17/2020 **Expiration Date:** 02/16/2033

Nature of Service: Fixed Satellite Service

Class of Station: Fixed Earth Stations

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	ALITAK	ALITAK ALITAK, KODIAK ISLAND, AK 99615	56°53'52.2"N	154°14'43.0"W	15.24	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
2)	AMBLER OFFICE	ENDICOTT STREET AMBLER, AK 99786	67°5'11.5"N	157°51'40.7"W	40.84	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
3)	AMNES	Auntie Mary Nicoli Elementary School Aniak, Bethel Census Area, AK 99557	61°34'49.0"N	159°31'51.7"W	11.34	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
4)	ANIAK DO	Aniak District Office Aniak, Bethel Census Area, AK 99557	61°34'55.6"N	159°32'18.3"W	11.34	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
5)	BUCKLAND OFFICE	ANN AVENUE BUCKLAND, AK 99727	65°58'42.0"N	161°7'29.5"W	7.01	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
6)	CHUGACHMUIT CHENEGA	625 MAIN STREET CHENEGA, AK 99574	60°3'56.3"N	148°1'1.6"W	12.19	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					

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A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
7)	CVSS	Crown Village Sam School Chuathbaluk, Bethel Census Area, AK 99607	61°34'23.7"N	159°14'57.8"W	11.45	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
8)	DEERING OFFICE	MAIN STREET DEERING, AK 99736	66°4'32.7"N	162°43'22.0"W	3.66	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
9)	EX INLET	EXCURSION INLET EXCURSION INLET, HAINES BOROUGH, AK 99827	58°24'55.3"N	135°26'36.4"W	10.36	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
10)	GMHS	George Morgan Senior High School Kalskag, Bethel Census Area, AK 99607	61°31'57.9"N	160°20'50.0"W	11.07	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
11)	GMSHS	Gusty Michael School Stoney River, Bethel Census Area, AK 99557	61°47'13.6"N	156°35'17.7"W	12.24	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
12)	HUB	8500 Dimond D Circle Anchorage, Anchorage, AK 99515	61°8'28.4"N	149°52'30.7"W	41	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					

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A) Site Location(s)

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13)	JESS	Jack Egnaty Senior School Sleetmute, Bethel Census Area, AK 99668	61°42'9.7"N	157°10'14.9"W	12.1	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
14)	JJSS	Johnnie John Sr School Crooked Creek, Bethel Census Area, AK 99575	61°51'48.6"N	158°8'18.2"W	11.64	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
15)	JOGES	Joseph & OlingaGregory Elementary School Kalskag, Bethel Census Area, AK 99607	61°32'41.9"N	160°19'3.7"W	11.08	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
16)	JSHS	Junior Senior High School Aniak, Bethel Census Area, AK 99557	61°34'48.3"N	159°33'6.7"W	11.34	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
17)	KIANA OFFICE	REED STREET KIANA, AK 997749	66°58'24.3"N	160°25'49.3"W	32.61	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
18)	KIVALINA OFFICE	BERING STREET KIVALINA, AK 99750	67°43'34.9"N	164°32'15.8"W	4.57	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					

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19)	KOTZEBUE HQ	TED STEVENS WAY KOTZEBUE, AK 99752	66°51'29.6"N	162°36'50.4"W	32.92	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
20)	NAKNEK	NAKNEK NAKNEK, BRISTOL BAY, AK 99633	58°43'43.7"N	157°0'0.9"W	4.88	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
21)	NOATAK OFFICE	GOVERNMENT AIRPORT ROAD NOATAK, AK 99761	67°34'17.0"N	162°58'14.5"W	27.13	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
22)	NOORVIK OFFICE	FIREWEED DRIVE NOORVIK, AK 99763	66°49'59.3"N	161°2'44.8"W	13.41	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
23)	PEBBLE MINE	PORTAGE ROAD ILIAMNA, Lake Peninsula Boroug, AK 99606	59°45'26.0"N	154°54'22.8"W	45.74	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
24)	SELAWIK OFFICE	WINTER TRAIL SELAWICK, AK 99770	66°36'24.4"N	160°0'52.7"W	5.49	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					

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A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
25)	SILVERBAY FALSE PASS	FALSE PASS, Aleutians East Borough, AK 99583	54°51'54.0"N	163°24'42.2"W	3.35	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
26)	ST. PAUL	100 Harbor View Drive St. Paul, St. Paul, AK 99660	57°7'23.0"N	170°16'45.0"W	8	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
27)	TEST SITE	600 Telephone Ave. Anchorage, Anchorage, AK 99515	61°11'10.5"N	149°52'15.6"W	35	83	
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.					
28)	TRIDENT AKUTAN	73 TRIDENT WAY AKUTAN, Aleutians East Borough, AK 99553	54°7'59.3"N	165°47'22.1"W	5.78	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
29)	TRIDENT NAKNEK	ALASKA PENNINSULA HIGHWAY BRISTOL BAY, AK 99633	58°43'41.4"N	157°0'26.2"W	3	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					
30)	TRIDENT SAND POINT	229 MAIN STREET SAND POINT, Aleutians East Borough, AK 99661	55°20'10.9"N	160°30'8.3"W	3	83	
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209					

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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
31)	ZLES	Zackar Levi Elementary School Kalskag, Bethel Census Area, AK 99607	61°30'43.6"N	160°21'41.5"W	11.08	83	

Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.

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 February 16, 2018 (3 AM Eastern Standard Time) and ending February 16, 2033 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is January 17, 2021 (3 AM Eastern Standard Time) . 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)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	5929.0000-6001.0000	H,V	3M00G7W	Tx	52.50	21.10	10JESS		Digital
2)	5929.0000-6001.0000	H,V	5M60G7W	Tx	52.50	21.10	10JESS		Digital
3)	5929.0000-6001.0000	H,V	9M50G7W	Tx	52.50	21.10	10JESS		Digital
4)	3944.0000-4016.0000	H,V	3M00G7W	Rx			10JESS		Digital
5)	3944.0000-4016.0000	H,V	72M0G7W	Rx			10JESS		Digital
6)	3944.0000-4016.0000	H,V	7M00G7W	Rx			10JESS		Digital
7)	3944.0000-4016.0000	H,V	9M50G7W	Rx			10JESS		Digital
8)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	11NOORVIK		Digital
9)	3700.0000-4200.0000	H,V	72M0G7W	Rx			11NOORVIK		Digital
10)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	12DEERING		Digital
11)	3700.0000-4200.0000	H,V	72M0G7W	Rx			12DEERING		Digital

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B) Particulars of Operations

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The General Provision 1900 applies to all transmitting frequency bands.
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#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
12)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	13NOATAK		Digital
13)	3700.0000-4200.0000	H,V	72M0G7W	Rx			13NOATAK		Digital
14)	6301.1900-6360.1400	H,V	5M60G7W	Tx	54.70	23.24	14KOTZE		Digital
15)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	14KOTZE		Digital
16)	5925.0000-6108.1000	H,V	5M60G7W	Tx	54.70	23.24	14KOTZE		Digital
17)	3700.0000-4200.0000	H,V	72M0G7W	Rx			14KOTZE		Digital
18)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	15AMBLER		Digital
19)	3700.0000-4200.0000	H,V	72M0G7W	Rx			15AMBLER		Digital
20)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	16KIANA		Digital
21)	3700.0000-4200.0000	H,V	72M0G7W	Rx			16KIANA		Digital
22)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	17BUCK		Digital
23)	3700.0000-4200.0000	H,V	72M0G7W	Rx			17BUCK		Digital
24)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	18SELAWIK		Digital
25)	3700.0000-4200.0000	H,V	72M0G7W	Rx			18SELAWIK		Digital
26)	5925.0000-6425.0000	H,V	5M60G7W	Tx	54.70	23.24	19KIVALINA		Digital
27)	3700.0000-4200.0000	H,V	72M0G7W	Rx			19KIVALINA		Digital
28)	5929.0000-6001.0000	H,V	3M20G7W	Tx	47.90	19.40	1ST.PAUL		DVB-S2, QPSK
29)	3944.0000-4016.0000	H,V	9M50G7W	Rx			1ST.PAUL		16APSK
30)	3944.0000-4016.0000	H,V	3M00G7W	Rx			1ST.PAUL		Digital
31)	3944.0000-4016.0000	H,V	72M0G7W	Rx			1ST.PAUL		Digital
32)	3944.0000-4016.0000	H,V	7M00G7W	Rx			1ST.PAUL		Digital
33)	3704.0000-3776.0000	H,V	9M50G7W	Rx			1ST.PAUL		16APSK
34)	5925.0000-6425.0000	H,V	5M60G7W	Tx	58.02	27.04	20CHUGA		Digital
35)	3700.0000-4200.0000	H,V	72M0G7W	Rx			20CHUGA		Digital

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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)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
36)	5925.0000-6425.0000	H,V	2M80G7W	Tx	49.42	29.12	21SILVERB		Digital
37)	3700.0000-4200.0000	H,V	72M0G7W	Tx			21SILVERB		Digital
38)	5925.0000-6108.1000	H,V	5M60G7W	Tx	55.00	24.04	22TRIDENT		Digital
39)	3700.0000-4200.0000	H,V	72M0G7W	Rx			22TRIDENT		Digital
40)	5925.0000-6425.0000	H,V	5M60G7W	Tx	58.00	27.04	23TRIDAK		Digital
41)	3700.0000-4200.0000	H,V	72M0G7W	Rx			23TRIDAK		Digital
42)	5925.0000-6425.0000	H,V	5M60G7W	Tx	58.00	27.04	24TRIDSAN		Digital
43)	3700.0000-4200.0000	H,V	72M0G7W	Rx			24TRIDSAN		Digital
44)	5925.0000-6425.0000	H,V	5M60G7W	Tx	55.00	24.04	25PEBBLE		Digital
45)	3700.0000-4200.0000	H,V	72M0G7W	Rx			25PEBBLE		Digital
46)	5929.0000-6001.0000	H,V	1M20G7W	Tx	52.50	21.10	26GMSHS		Digital
47)	5929.0000-6001.0000	H,V	2M80G7W	Tx	52.50	21.10	26GMSHS		Digital
48)	5929.0000-6001.0000	H,V	5M60G7W	Tx	52.50	21.10	26GMSHS		Digital
49)	3944.0000-4016.0000	H,V	3M00G7W	Rx			26GMSHS		Digital
50)	3944.0000-4016.0000	H,V	72M0G7W	Rx			26GMSHS		Digital
51)	3944.0000-4016.0000	H,V	7M00G7W	Rx			26GMSHS		Digital
52)	3944.0000-4016.0000	H,V	9M50G7W	Rx			26GMSHS		Digital
53)	5929.0000-6001.0000	H,V	1M20G7W	Tx	52.50	21.10	27JJSS		Digital
54)	5929.0000-6001.0000	H,V	2M80G7W	Tx	52.50	21.10	27JJSS		Digital
55)	5929.0000-6001.0000	H,V	5M60G7W	Tx	52.50	21.10	27JJSS		Digital
56)	3944.0000-4016.0000	H,V	3M00G7W	Rx			27JJSS		Digital
57)	3944.0000-4016.0000	H,V	72M0G7W	Rx			27JJSS		Digital
58)	3944.0000-4016.0000	H,V	7M00G7W	Rx			27JJSS		Digital
59)	3944.0000-4016.0000	H,V	9M50G7W	Rx			27JJSS		Digital

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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)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
60)	6189.5650-6237.5650	H,V	1M20G7W	Tx	52.50	21.10	28GMHS		Digital
61)	6189.5650-6237.5650	H,V	2M80G7W	Tx	52.50	21.10	28GMHS		Digital
62)	6189.5650-6237.5650	H,V	5M60G7W	Tx	52.50	21.10	28GMHS		Digital
63)	3944.0000-4016.0000	H,V	3M00G7W	Rx			28GMHS		Digital
64)	3944.0000-4016.0000	H,V	72M0G7W	Rx			28GMHS		Digital
65)	3944.0000-4016.0000	H,V	7M00G7W	Rx			28GMHS		Digital
66)	3944.0000-4016.0000	H,V	9M50G7W	Rx			28GMHS		Digital
67)	6189.5650-6237.5650	H,V	1M20G7W	Tx	52.50	21.10	29JOGES		Digital
68)	6189.5650-6237.5650	H,V	2M80G7W	Tx	52.50	21.10	29JOGES		Digital
69)	6189.5650-6237.5650	H,V	5M60G7W	Tx	52.50	21.10	29JOGES		Digital
70)	3944.0000-4016.0000	H,V	3M00G7W	Rx			29JOGES		Digital
71)	3944.0000-4016.0000	H,V	72M0G7W	Rx			29JOGES		Digital
72)	3944.0000-4016.0000	H,V	7M00G7W	Rx			29JOGES		Digital
73)	3944.0000-4016.0000	H,V	9M50G7W	Rx			29JOGES		Digital
74)	5929.0000-5944.8500	H,V	4M70G7W	Tx	51.20	20.60	2TESTSITE		8APSK
75)	3944.0000-4016.0000	H,V	3M00G7W	Rx			2TESTSITE		Digital
76)	3944.0000-4016.0000	H,V	72M0G7W	Rx			2TESTSITE		Digital
77)	3944.0000-4016.0000	H,V	7M00G7W	Rx			2TESTSITE		Digital
78)	3944.0000-4016.0000	H,V	9M50G7W	Rx			2TESTSITE		Digital
79)	3704.0000-3776.0000	H,V	3M00G7W	Rx			2TESTSITE		32APSK
80)	6189.5650-6237.5650	H,V	1M20G7W	Tx	52.50	21.10	30ZLES		Digital
81)	6189.5650-6237.5650	H,V	2M80G7W	Tx	52.50	21.10	30ZLES		Digital
82)	6189.5650-6237.5650	H,V	5M60G7W	Tx	52.50	21.10	30ZLES		Digital
83)	3944.0000-4016.0000	H,V	3M00G7W	Rx			30ZLES		Digital

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The General Provision 1010 applies to all receiving frequency bands.
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For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
84)	3944.0000-4016.0000	H,V	72M0G7W	Rx			30ZLES		Digital
85)	3944.0000-4016.0000	H,V	7M00G7W	Rx			30ZLES		Digital
86)	3944.0000-4016.0000	H,V	9M50G7W	Rx			30ZLES		Digital
87)	5929.0000-6001.0000	H,V	5M60G7W	Tx	51.30	20.70	3EXINLET		8APSK
88)	3944.0000-4016.0000	H,V	3M00G7W	Rx			3EXINLET		Digital
89)	3944.0000-4016.0000	H,V	72M0G7W	Rx			3EXINLET		Digital
90)	3944.0000-4016.0000	H,V	7M00G7W	Rx			3EXINLET		Digital
91)	3944.0000-4016.0000	H,V	9M50G7W	Rx			3EXINLET		Digital
92)	3704.0000-3776.0000	H,V	3M80G7W	Rx			3EXINLET		16APSK
93)	5929.0000-6001.0000	H,V	5M60G7W	Tx	52.00	21.40	4ALITAK		8APSK
94)	3944.0000-4016.0000	H,V	3M00G7W	Rx			4ALITAK		Digital
95)	3944.0000-4016.0000	H,V	72M0G7W	Rx			4ALITAK		Digital
96)	3944.0000-4016.0000	H,V	7M00G7W	Rx			4ALITAK		Digital
97)	3944.0000-4016.0000	H,V	9M50G7W	Rx			4ALITAK		Digital
98)	3704.0000-3776.0000	H,V	3M80G7W	Rx			4ALITAK		16APSK
99)	5929.0000-6001.0000	H,V	5M60G7W	Tx	52.10	21.40	5NAKNEK1		8APSK
100)	3944.0000-4016.0000	H,V	3M00G7W	Rx			5NAKNEK1		Digital
101)	3944.0000-4016.0000	H,V	72M0G7W	Rx			5NAKNEK1		Digital
102)	3944.0000-4016.0000	H,V	7M00G7W	Rx			5NAKNEK1		Digital
103)	3944.0000-4016.0000	H,V	9M50G7W	Rx			5NAKNEK1		Digital
104)	3704.0000-3776.0000	H,V	3M80G7W	Rx			5NAKNEK1		16APSK
105)	5960.2000-6001.0000	H,V	1M20G7W	Tx	52.50	21.10	6ANIAKDO		Digital
106)	5960.2000-6001.0000	H,V	2M80G7W	Tx	52.50	21.10	6ANIAKDO		Digital
107)	5960.2000-6001.0000	H,V	5M60G7W	Tx	51.90	21.10	6ANIAKDO		Digital

RADIO STATION AUTHORIZATION

Name: Alaska Communications Internet, LLC **Call Sign:** E170205
Authorization Type: Modification of License **File Number:** SES-MOD-20190828-01106
Non Common Carrier **Grant date:** 01/17/2020 **Expiration Date:** 02/16/2033

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)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
108)	3944.0000-4016.0000	H,V	3M00G7W	Rx	0.00	0.00	6ANIAKDO		Digital
109)	3944.0000-4016.0000	H,V	72M0G7W	Rx	0.00	0.00	6ANIAKDO		Digital
110)	3944.0000-4016.0000	H,V	7M00G7W	Rx	0.00	0.00	6ANIAKDO		Digital
111)	3944.0000-4016.0000	H,V	9M50G7W	Rx	0.00	0.00	6ANIAKDO		Digital
112)	5960.2000-6001.0000	H,V	1M20G7W	Tx	52.50	21.10	7JSHS		Digital
113)	5960.2000-6001.0000	H,V	2M80G7W	Tx	52.50	21.10	7JSHS		Digital
114)	5960.2000-6001.0000	H,V	5M60G7W	Tx	52.50	21.10	7JSHS		Digital
115)	3944.0000-4016.0000	H,V	3M00G7W	Tx	0.00	0.00	7JSHS		Digital
116)	3944.0000-4016.0000	H,V	72M0G7W	Rx	0.00	0.00	7JSHS		Digital
117)	3944.0000-4016.0000	H,V	7M00G7W	Rx	0.00	0.00	7JSHS		Digital
118)	3944.0000-4016.0000	H,V	9M50G7W	Rx	0.00	0.00	7JSHS		Digital
119)	5960.2000-6001.0000	H,V	2M80G7W	Tx	52.50	21.10	8AMNES		Digital
120)	5960.2000-6001.0000	H,V	5M60G7W	Tx	52.50	21.10	8AMNES		Digital
121)	5929.0000-6001.0000	H,V	1M20G7W	Tx	52.50	21.10	8AMNES		Digital
122)	3944.0000-4016.0000	H,V	3M00G7W	Rx	0.00	0.00	8AMNES		Digital
123)	3944.0000-4016.0000	H,V	72M0G7W	Rx	0.00	0.00	8AMNES		Digital
124)	3944.0000-4016.0000	H,V	7M00G7W	Rx	0.00	0.00	8AMNES		Digital
125)	3944.0000-4016.0000	H,V	9M50G7W	Rx	0.00	0.00	8AMNES		Digital
126)	5960.2000-6001.0000	H,V	1M20G7W	Tx	52.50	21.10	9CVSS		Digital
127)	5960.2000-6001.0000	H,V	2M80G7W	Tx	52.50	21.10	9CVSS		Digital
128)	5960.2000-6001.0000	H,V	5M60G7W	Tx	52.50	21.10	9CVSS		Digital
129)	3944.0000-4016.0000	H,V	3M00G7W	Rx			9CVSS		Digital
130)	3944.0000-4016.0000	H,V	72M0G7W	Rx			9CVSS		Digital
131)	3944.0000-4016.0000	H,V	7M00G7W	Rx			9CVSS		Digital

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Name: Alaska Communications Internet, LLC
Call Sign: E170205
Authorization Type: Modification of License
File Number: SES-MOD-20190828-01106
Non Common Carrier **Grant date:** 01/17/2020 **Expiration Date:** 02/16/2033

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)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
132)	3944.0000-4016.0000	H,V	9M50G7W	Rx			9CVSS		Digital
133)	6169.0000-6241.0000	H,V	3M00G7W	Tx	58.40	30.10	HUB		Digital
134)	6169.0000-6241.0000	H,V	72M0G7W	Tx	58.40	28.00	HUB		Digital
135)	6169.0000-6241.0000	H,V	7M00G7W	Tx	58.40	26.40	HUB		Digital
136)	6169.0000-6241.0000	H,V	9M50G7W	Tx	58.40	24.60	HUB		Digital
137)	5929.0000-6001.0000	H,V	7M00G7W	Tx	58.40	26.40	HUB		DVB-S2, 16APSK
138)	5929.0000-6001.0000	H,V	9M50G7W	Tx	58.40	24.60	HUB		DVB-S2, 16APSK
139)	5929.0000-5944.8500	H,V	3M00G7W	Tx	58.40	30.10	HUB		32APSK
140)	3944.0000-4016.0000	H,V	1M20G7W	Rx			HUB		Digital
141)	3944.0000-4016.0000	H,V	2M80G7W	Rx			HUB		Digital
142)	3944.0000-4016.0000	H,V	5M60G7W	Rx			HUB		Digital
143)	3944.0000-4016.0000	H,V	72M0G7W	Rx			HUB		Digital
144)	3704.0000-3776.0000	H,V	3M20G7W	Rx			HUB		QPSK
145)	3704.0000-3776.0000	H,V	4M70G7W	Rx			HUB		32APSK

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
1)	6169.0000-6241.0000	114.0W	116.0W	14.6	15.3	140.5	142.5	-15.94	HUB
2)	3944.0000-4016.0000	114.0W	116.0W	14.6	15.3	140.5	142.5		HUB
3)	5929.0000-6001.0000	114.0W	115.0W	14.6	14.9	140.5	141.5	-15.94	HUB
4)	3704.0000-3776.0000	114.0W	115.0W	14.6	14.9	140.5	141.5	0	HUB
5)	5929.0000-5944.8500	114.0W	115.0W	14.6	14.9	140.5	141.5	-15.94	HUB
6)	5929.0000-6001.0000	114.0W	115.0W	09.0	09.5	119.3	120.2	-21.67	1ST.PAUL
7)	3704.0000-3776.0000	114.0W	115.0W	09.0	09.5	119.3	120.2		1ST.PAUL

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Name: Alaska Communications Internet, LLC **Call Sign:** E170205
Authorization Type: Modification of License **File Number:** SES-MOD-20190828-01106
Non Common Carrier **Grant date:** 01/17/2020 **Expiration Date:** 02/16/2033

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
8)	3944.0000-4016.0000	114.0W-116.0W		09.0-09.4		119.3-120.2			1ST.PAUL
9)	5929.0000-5944.8500	114.0W-115.0W		14.6-14.9		140.5-141.5		-21.45	2TESTSITE
10)	3704.0000-3776.0000	114.0W-115.0W		14.6-14.9		140.5-141.5			2TESTSITE
11)	3944.0000-4016.0000	114.0W-116.0W		14.6-14.9		140.5-141.5			2TESTSITE
12)	5929.0000-6001.0000	114.0W-115.0W		21.1-21.3		155.3-156.4		-25.19	3EXINLET
13)	3704.0000-3776.0000	114.0W-115.0W		21.1-21.3		155.3-156.4			3EXINLET
14)	3944.0000-4016.0000	114.0W-116.0W		21.1-21.3		155.3-156.4			3EXINLET
15)	5929.0000-6001.0000	114.0W-115.0W		16.3-16.7		134.7-135.7		-21.84	4ALITAK
16)	3704.0000-3776.0000	114.0W-115.0W		16.3-16.7		134.7-135.7			4ALITAK
17)	3944.0000-4016.0000	114.0W-116.0W		16.3-16.7		134.7-135.7			4ALITAK
18)	5925.0000-6001.0000	114.0W-115.0W		13.9-14.3		132.5-133.5		-20.43	5NAKNEK1
19)	3704.0000-3776.0000	114.0W-115.0W		13.9-14.3		132.5-133.5			5NAKNEK1
20)	3944.0000-4016.0000	114.0W-116.0W		13.9-14.3		132.5-133.5			5NAKNEK1
21)	5960.2000-6001.0000	114.0W-116.0W		11.0-11.7		130.8-132.8		-23.23	6ANIAKDO
22)	3944.0000-4016.0000	114.0W-116.0W		11.0-11.7		130.8-132.8			6ANIAKDO
23)	3944.0000-4016.0000	114.0W-116.0W		11.0-11.7		130.8-132.8			7JSHS
24)	5960.2000-6001.0000	114.0W-116.0W		11.0-11.7		130.8-132.8		-23.23	7JSHS
25)	5960.2000-6001.0000	114.0W-116.0W		11.0-11.7		130.8-132.8		-17.97	8AMNES
26)	3994.0000-4016.0000	114.0W-116.0W		11.0-11.7		130.8-132.8			8AMNES
27)	5960.2000-6001.0000	114.0W-116.0W		11.0-11.7		130.8-132.8		-18.07	9CVSS
28)	3994.0000-4016.0000	114.0W-116.0W		11.0-11.7		130.8-132.8			9CVSS
29)	5929.0000-6001.0000	114.0W-116.0W		11.7-12.4		133.2-135.2		-18.67	10JESS
30)	3944.0000-4016.0000	114.0W-116.0W		11.7-12.4		133.2-135.2			10JESS
31)	5925.0000-6425.0000	114.0W-115.0W		06.9-07.2		130.6-131.6		-17.96	11NOORVIK
32)	3700.0000-4200.0000	114.0W-115.0W		06.9-07.2		130.6-131.6			11NOORVIK
33)	5925.0000-6425.0000	114.0W-115.0W		06.9-07.2		128.7-129.7		-18.76	12DEERING
34)	3700.0000-4200.0000	114.0W-115.0W		06.9-07.2		128.7-129.7			12DEERING
35)	5925.0000-6425.0000	114.0W-115.0W		05.9-06.2		128.8-129.8		-18.76	13NOATAK
36)	3700.0000-4200.0000	114.0W-115.0W		05.9-06.2		128.8-129.8			13NOATAK
37)	5925.0000-6108.1000	114.0W-115.0W		06.4-06.7		129.0-130.0		-18.76	14KOTZE
38)	6301.1900-6360.1400	114.0W-115.0W		06.4-06.7		129.0-130.0		-18.76	14KOTZE
39)	3700.0000-4200.0000	114.0W-115.0W		06.4-06.7		129.0-130.0			14KOTZE
40)	5925.0000-6425.0000	114.0W-115.0W		07.7-08.0		133.8-134.8		-18.76	15AMBLER
41)	3700.0000-4200.0000	114.0W-115.0W		07.7-08.0		133.8-134.8			15AMBLER
42)	5925.0000-6425.0000	114.0W-115.0W		07.0-07.3		131.2-132.2		-18.76	16KIANA

RADIO STATION AUTHORIZATION

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C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
43)	3700.0000-4200.0000	114.0W-115.0W		07.0-07.3		131.2-132.2			16KIANA
44)	5925.0000-6425.0000	114.0W-115.0W		07.5-07.8		130.3-131.3		-18.76	17BUCK
45)	3700.0000-4200.0000	114.0W-115.0W		07.5-07.8		130.3-131.3			17BUCK
46)	5925.0000-6425.0000	114.0W-115.0W		07.4-07.7		131.5-132.5		-18.76	18SELAWIK
47)	3700.0000-4200.0000	114.0W-115.0W		07.4-07.7		131.5-132.5			18SELAWIK
48)	5925.0000-6425.0000	114.0W-115.0W		05.3-05.6		127.3-128.3		-18.76	19KIVALINA
49)	3700.0000-4200.0000	114.0W-115.0W		05.3-05.6		127.3-128.3			19KIVALINA
50)	5925.0000-6425.0000	114.0W-115.0W		16.1-16.4		142.1-143.1		-14.95	20CHUGA
51)	3700.0000-4200.0000	114.0W-115.0W		16.1-16.4		142.1-143.1			20CHUGA
52)	5925.0000-6425.0000	114.0W-116.0W		13.6-14.5		125.0-126.9		-17.08	21SILVERB
53)	3700.0000-4200.0000	114.0W-116.0W		13.6-14.5		125.0-126.9			21SILVERB
54)	5925.0000-6425.0000	114.0W-116.0W		13.6-14.7		132.5-134.5		-12.46	22TRIDENT
55)	3700.0000-4200.0000	114.0W-116.0W		13.6-14.7		132.5-134.5			22TRIDENT
56)	5925.0000-6425.0000	114.0W-116.0W		12.8-13.8		122.5-124.4		-9.46	23TRIDAK
57)	3700.0000-4200.0000	114.0W-116.0W		12.8-13.8		122.5-124.4			23TRIDAK
58)	5925.0000-6425.0000	114.0W-116.0W		14.7-15.6		128.0-129.9		-9.46	24TRIDSAN
59)	3700.0000-4200.0000	114.0W-116.0W		14.7-15.6		128.0-129.9			24TRIDSAN
60)	5925.0000-6425.0000	114.0W-116.0W		14.0-14.7		134.9-137.0		-12.46	25PEBBLE
61)	3700.0000-4200.0000	114.0W-116.0W		14.0-14.7		134.9-137.0			25PEBBLE
62)	5929.0000-6001.0000	114.0W-116.0W		11.9-12.6		133.8-135.8		-18.79	26GMSHS
63)	3944.0000-4016.0000	114.0W-116.0W		11.9-12.6		133.8-135.8			26GMSHS
64)	5929.0000-6001.0000	114.0W-116.0W		11.3-12.0		132.3-134.3		-18.25	27JJSS
65)	3944.0000-4016.0000	114.0W-116.0W		11.3-12.0		132.3-134.3		0	27JJSS
66)	6189.5650-6237.5650	114.0W-116.0W		10.7-11.4		130.0-132.0		-17.7	28GMHS
67)	3944.0000-4016.0000	114.0W-116.0W		10.7-11.4		130.0-132.0			28GMHS
68)	6189.5650-6237.5650	114.0W-116.0W		10.7-11.4		130.0-132.0		-17.71	29JOGES
69)	3944.0000-4016.0000	114.0W-116.0W		10.7-11.4		130.0-132.0			29JOGES
70)	6189.5650-6237.5650	114.0W-116.0W		10.7-11.4		130.0-132.0		-17.71	30ZLES
71)	3944.0000-4016.0000	114.0W-116.0W		10.7-11.4		130.0-132.0			30ZLES

D) Points of Communications

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

1) HUB to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
2) ST. PAUL to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)

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Authorization Type: Modification of License **File Number:** SES-MOD-20190828-01106
Non Common Carrier **Grant date:** 01/17/2020 **Expiration Date:** 02/16/2033

D) Points of Communications

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

3) TEST SITE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
4) EX INLET to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
5) ALITAK to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
6) NAKNEK to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
7) ANIAK DO to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
8) JSHS to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
9) AMNES to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
10) CVSS to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
11) JESS to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
12) NOORVIK OFFICE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
13) DEERING OFFICE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
14) NOATAK OFFICE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
15) KOTZEBUE HQ to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
16) AMBLER OFFICE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
17) KIANA OFFICE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
18) BUCKLAND OFFICE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
19) SELAWIK OFFICE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
20) KIVALINA OFFICE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
21) CHUGACHMUIT CHENEGA to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
22) SILVERBAY FALSE PASS to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
23) TRIDENT NAKNEK to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
24) TRIDENT AKUTAN to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
25) TRIDENT SAND POINT to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
26) PEBBLE MINE to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
27) GMSHS to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
28) JJSS to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
29) GMHS to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
30) JOGES to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)
31) ZLES to EUTELSAT 115WB (S2938) @ 114.9 degrees W.L. (formerly SATMEX 7) (Mexico-licensed)

RADIO STATION AUTHORIZATION

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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
JESS	10JESS	1	2.4	PRODELIN	1244	12.1	3 AGL/ 12.1 AMSL	
Max Gains(s):	37.6 dBi @ 3.7400 GHz			41.6 dBi @ 5.9650 GHz				
Maximum total input power at antenna flange (Watts) =	10.80							
Maximum aggregate output EIRP for all carriers (dBW) =	52.50							
NOORVIK OFFICE	11NOORVIK	1	2.4	GENERAL DYNAMICS	1241	13.41	2 AGL/ 13.41 AMSL	
Max Gains(s):	42.0 dBi @ 5.9650 GHz			38.0 dBi @ 3.7000 GHz				
Maximum total input power at antenna flange (Watts) =	20.00							
Maximum aggregate output EIRP for all carriers (dBW) =	54.70							
DEERING OFFICE	12DEERING	1	2.4	GENERAL DYNAMICS	1241	3.66	2 AGL/ 3.66 AMSL	
Max Gains(s):	42.0 dBi @ 5.9650 GHz			38.0 dBi @ 3.7000 GHz				
Maximum total input power at antenna flange (Watts) =	20.00							
Maximum aggregate output EIRP for all carriers (dBW) =	54.70							
NOATAK OFFIC	13NOATAK	1	2.4	GENERAL DYNAMICS	1241	27.13	2 AGL/ 27.13 AMSL	
Max Gains(s):	42.0 dBi @ 5.9650 GHz			38.0 dBi @ 3.7000 GHz				
Maximum total input power at antenna flange (Watts) =	20.00							
Maximum aggregate output EIRP for all carriers (dBW) =	54.70							
KOTZEBUE HQ	14KOTZE	1	2.4	GENERAL DYNAMICS	1241	32.92	2 AGL/ 32.92 AMSL	
Max Gains(s):	42.0 dBi @ 5.9650 GHz			38.0 dBi @ 3.7000 GHz				
Maximum total input power at antenna flange (Watts) =	20.00							
Maximum aggregate output EIRP for all carriers (dBW) =	54.70							
AMBLER OFFIC	15AMBLER	1	2.4	GENERAL DYNAMICS	1241	40.84	2 AGL/ 40.84 AMSL	
Max Gains(s):	42.0 dBi @ 5.9650 GHz			38.0 dBi @ 3.7000 GHz				
Maximum total input power at antenna flange (Watts) =	20.00							
Maximum aggregate output EIRP for all carriers (dBW) =	54.70							

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Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
KIANA OFFICE	16KIANA	1	2.4	GENERAL DYNAMICS	1241	32.61	2 AGL/ 32.61 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 20.00 Maximum aggregate output EIRP for all carriers (dBW) = 54.70								
BUCKLAND OFFICE	17BUCK	1	2.4	GENERAL DYNAMICS	1241	7.01	2 AGL/ 7.01 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 20.00 Maximum aggregate output EIRP for all carriers (dBW) = 54.70								
SELAWIK OFFICE	18SELAWIK	1	2.4	GENERAL DYNAMICS	1241	5.49	2 AGL/ 5.49 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 20.00 Maximum aggregate output EIRP for all carriers (dBW) = 54.70								
KIVALINA OFFICE	19KIVALINA	1	2.4	GENERAL DYNAMICS	1241	4.57	2 AGL/ 4.57 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 20.00 Maximum aggregate output EIRP for all carriers (dBW) = 54.70								
ST. PAUL	1ST.PAUL	1	3.8	General Dynamics	1383	8	2 AGL/ 8 AMSL	
Max Gains(s): 45.6 dBi @ 5.9650 GHz 41.6 dBi @ 3.7400 GHz Maximum total input power at antenna flange (Watts) = 1.90 Maximum aggregate output EIRP for all carriers (dBW) = 47.90								
CHUGACHMUIT CHENEGA	20CHUGA	1	2.4	GENERAL DYNAMICS	1241	12.19	2 AGL/ 12.19 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 40.00 Maximum aggregate output EIRP for all carriers (dBW) = 58.00								

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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
SILVERBAY FALSE PASS	21SILVERB	1	3.8	PRODELIN	2385	3.35	3 AGL/ 3.35 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 10.00 Maximum aggregate output EIRP for all carriers (dBW) = 49.42								
TRIDENT NAKNEK	22TRIDENT	1	2.4	GENERAL DYNAMICS	1251	3	2 AGL/ 3 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 20.00 Maximum aggregate output EIRP for all carriers (dBW) = 55.00								
TRIDENT AKUTAN	23TRIDAK	1	2.4	GENERAL DYNAMICS	1251	5.78	2 AGL/ 5.78 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 40.00 Maximum aggregate output EIRP for all carriers (dBW) = 58.00								
TRIDENT SAND POINT	24TRIDSAN	1	2.4	GENERAL DYNAMICS	1251	3	2 AGL/ 3 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 40.00 Maximum aggregate output EIRP for all carriers (dBW) = 58.00								
PEBBLE MINE	25PEBBLE	1	2.4	GENERAL DYNAMICS	1241	45.74	2 AGL/ 45.74 AMSL	
Max Gains(s): 42.0 dBi @ 5.9650 GHz 38.0 dBi @ 3.7000 GHz Maximum total input power at antenna flange (Watts) = 20.00 Maximum aggregate output EIRP for all carriers (dBW) = 55.00								
GMSHS	26GMSHS	1	2.4	PRODELIN	1244	12.24	3 AGL/ 12.24 AMSL	
Max Gains(s): 37.6 dBi @ 3.7400 GHz 41.6 dBi @ 5.9650 GHz Maximum total input power at antenna flange (Watts) = 10.80 Maximum aggregate output EIRP for all carriers (dBW) = 52.50								

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Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
JJSS	27JJSS	1	2.4	PRODELIN	1244	11.64	3 AGL/ 11.64 AMSL	
	Max Gains(s):	37.6 dBi @	3.7400 GHz	41.6 dBi @	5.9650 GHz			
	Maximum total input power at antenna flange (Watts) =				10.80			
	Maximum aggregate output EIRP for all carriers (dBW) =				52.50			
GMHS	28GMHS	1	2.4	PRODELIN	1244	11.07	3 AGL/ 11.07 AMSL	
	Max Gains(s):	37.6 dBi @	3.7400 GHz	41.6 dBi @	5.9650 GHz			
	Maximum total input power at antenna flange (Watts) =				10.80			
	Maximum aggregate output EIRP for all carriers (dBW) =				52.50			
JOGES	29JOGES	1	2.4	PRODELIN	1244	11.08	3 AGL/ 11.08 AMSL	
	Max Gains(s):	37.6 dBi @	3.7400 GHz	41.6 dBi @	5.9650 GHz			
	Maximum total input power at antenna flange (Watts) =				10.80			
	Maximum aggregate output EIRP for all carriers (dBW) =				52.50			
TEST SITE	2TESTSITE	1	2.4	Prodelin	1244	35	9 AGL/ 35 AMSL	
	Max Gains(s):	41.6 dBi @ 5.9650 GHz		37.6 dBi @	3.7400 GHz		41.6 dBi @	
	Maximum total input power at antenna flange (Watts) =				9.33			
	Maximum aggregate output EIRP for all carriers (dBW) =				51.20			
ZLES	30ZLES	1	2.4	PRODELIN	1244	11.08	3 AGL/ 11.08 AMSL	
	Max Gains(s):	37.6 dBi @	3.7400 GHz	41.6 dBi @	5.9650 GHz			
	Maximum total input power at antenna flange (Watts) =				10.80			
	Maximum aggregate output EIRP for all carriers (dBW) =				52.50			
EX INLET	3EXINLET	1	2.4	PRODELIN	1244	10.36	3 AGL/ 10.36 AMSL	
	Max Gains(s):	37.6 dBi @	3.7400 GHz	41.6 dBi @	5.9650 GHz			
	Maximum total input power at antenna flange (Watts) =				12.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				51.30			

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Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
ALITAK	4ALITAK	1	2.4	PRODELIN	1244	15.24	3 AGL/ 15.24 AMSL	
Max Gains(s):	37.6 dBi @ 3.7400 GHz	41.6 dBi @ 5.9650 GHz						
Maximum total input power at antenna flange (Watts) =	12.00							
Maximum aggregate output EIRP for all carriers (dBW) =	52.00							
NAKNEK	5NAKNEK1	1	2.4	PRODELIN	1244	4.88	3 AGL/ 4.88 AMSL	
Max Gains(s):	37.6 dBi @ 3.7400 GHz	41.6 dBi @ 5.9650 GHz						
Maximum total input power at antenna flange (Watts) =	12.00							
Maximum aggregate output EIRP for all carriers (dBW) =	52.10							
ANIAK DO	6ANIAKDO	1	2.4	PRODELIN	1244	11.34	3 AGL/ 11.34 AMSL	
Max Gains(s):	37.6 dBi @ 3.7000 GHz	37.6 dBi @ 3.7400 GHz	41.6 dBi @ 5.9650 GHz					
Maximum total input power at antenna flange (Watts) =	10.80							
Maximum aggregate output EIRP for all carriers (dBW) =	51.90							
JSHS	7JSHS	1	2.4	PRODELIN	1244	11.34	3 AGL/ 11.34 AMSL	
Max Gains(s):	37.6 dBi @ 3.7400 GHz	41.6 dBi @ 5.9650 GHz						
Maximum total input power at antenna flange (Watts) =	10.80							
Maximum aggregate output EIRP for all carriers (dBW) =	52.50							
AMNES	8AMNES	1	2.4	PRODELIN	1244	11.34	3 AGL/ 11.34 AMSL	
Max Gains(s):	37.6 dBi @ 3.7400 GHz	41.6 dBi @ 5.9650 GHz						
Maximum total input power at antenna flange (Watts) =	10.80							
Maximum aggregate output EIRP for all carriers (dBW) =	52.50							
CVSS	9CVSS	1	2.4	PRODELIN	1244	11.45	3 AGL/ 11.45 AMSL	
Max Gains(s):	37.6 dBi @ 3.7400 GHz	41.6 dBi @ 5.9650 GHz						
Maximum total input power at antenna flange (Watts) =	10.80							
Maximum aggregate output EIRP for all carriers (dBW) =	52.50							

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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
HUB	HUB	1	3.8	General Dynamics	1383	41	4 AGL/ 41 AMSL	

Max Gains(s): 45.6 dBi @ 5.9650 GHz 41.6 dBi @ 3.7400 GHz
Maximum total input power at antenna flange (Watts) = 267.00
Maximum aggregate output EIRP for all carriers (dBW) = 58.40

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 (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.

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.

8 --- Licensee must notify the Commission when all earth stations operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.

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)

90399 --- The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307(b) and 1.1310. Physical measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.

90471 --- The application for this authorization was filed with a coordination report therefore operations of this earth station in the 3700-4200 MHz band are protected within the limits establish by the coordination report filed.

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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:

90504 --- This authorization is subject to modification to bring it into conformance with any rules or policies adopted by the Commission in the future, including the outcome of GN Docket 18-122.

90505 --- This authorization is issued pursuant to DA 19-726 which granted ACI's request for waiver of the earth station filing freeze in the 3.7-4.2 GHz band and only applies to earth stations associated with IBFS File No. SES-MOD-20180626-01472.

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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 regulatees 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.

FCC Form 488